



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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2890, Woodbridge Avenue, Edison, NJ 08837

### EXECUTIVE NARRATIVE

**Case No. :** 44546

**Site:** Superior Barrel and Drum

**Number of Samples:** 20 (Soil)

**Analysis:** VOA, BNA, PEST, PCB

**SDG No.:** BAST8

**Laboratory:** ALS Laboratory

**Sampling dates:** 7/23/2014-7/25/2014

**Validation SOP:** HW-33 (Rev 3), HW-35 (Rev 2), HW-36 (Rev 4), HW-37 (Rev 3)

**QAPP:** Not available.

#### **SUMMARY OF DEFINITIONS:**

**Critical:** Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.

**Major:** A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.

**Minor:** The level of uncertainty is acceptable. No significant bias in the data was observed.

#### **Critical Findings:**

**VOA:** Sample BBNM0 has analytes that have been qualified R as the internal standard area is outside the lower limit criteria.

**PEST:** Samples BBNJ2, BBNL9, BBNM0 and BBNM1 have analytes that have been qualified "R" due to compound identification percent differences outside criteria.

#### **Major Findings:**

**VOA:** Sample BBNM0 has an analyte that has been qualified "J", "J+" or "J-".

**PEST:** All the associated samples have analytes that have been qualified "J", "J+" or "J-".

**PCB:** Samples BAST9 and BBNH9 have analytes that have been qualified "J", "J+" or "J-".

#### **Minor Findings:**

**VOA:** Initial and Continuing Calibration RRFs for 1, 4-Dioxane and 1,4-Dioxane-d8 are below criteria.

**COMMENTS:** None.

**Reviewer Name(s):** Raxa J. Shelley/Archana Mirle

**Approver's Signature:**

**Date:** 08/28/14

**Name:** Russell Arnone

**Affiliation:** USEPA/R2/HWSB/HWSS



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Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL).	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J-	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	



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## DATA ASSESSMENT

### ANALYSIS: VOA

The current SOP HW-33/VOA (Revision 3) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for VOA organic fraction is not validated.

#### 1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

#### 2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Benzene-d6 BBNM0, BBNM0RE

Benzene

1,4-Dioxane-d8 BBNJ3, BBNJ4

1,4-Dioxane

#### 3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not Applicable.

#### 4. BLANK CONTAMINATION:



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Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

**A) Method blank contamination:**

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQL.

**Methylene chloride** BAST8, BAST9, BASW0, BASW1, BASW2, BASW3, BASW4, BASW5, BASW6, BBNH8, BBNH9, BBNJ1, BBNJ3, BBNJ4, BBNJ5, BBNJ6, BBNM0, BBNM0RE, BBNM1

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

**Styrene** BBNJ3

**o-Xylene** BBNJ1, BBNJ4, BBNM1

**B) Field or rinse blank contamination:**

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration is less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQL.

**Acetone** BAST8, BASW2, BASW4, BBNH8, BBNJ3, BBNM0

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

**Toluene** BAST8, BAST9, BASW0, BASW1, BASW2, BASW4, BASW6, BBNJ1, BBNJ2, BBNJ3, BBNJ4, BBNM0, BBNM0RE, BBNM1

**m,p-Xylene** BBNJ2, BBNL9

**Chloroform** BASW1, BASW3

**Carbon disulfide** BASW4, BBNJ4

**C) Trip blank contamination for VOA aqueous samples:**

Not applicable.

**D) Storage Blank associated with VOA samples only:**

The following volatile samples have analyte concentrations reported less than the CRQL. The associated storage blank concentration is less than the concentration criteria. Detected



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compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

**m,p-Xylene** BASW2, BASW4, BBNJ1, BBNM1

**E) TICs "R" rejected:**

Tentatively Identified Compounds (TICs) for VOA organic fraction is not validated.

**5. MASS SPECTROMETER TUNING:**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Response Factor GC/MS:**

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be  $\geq 0.05$ , and  $\geq 0.01$  for the twenty-two analytes with poor response and additional compounds, and  $\geq 0.005$  for 1,4-Dioxane in both the initial and opening CCV. For a closing CCV RRF for all Target compounds must  $\geq 0.01$  and  $\geq 0.005$  for 1,4-Dioxane. A value  $< 0.05$ , or  $< 0.01$  for the poor performers and  $< 0.005$  for 1,4-Dioxane indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

The following volatile samples are associated with initial calibration with average relative response factors (mean RRFs) and CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

**1,4-Dioxane , 1,4-Dioxane-d8** BAST8, BAST9, BASW0, BASW1, BASW2, BASW3, BASW4, BASW5, BASW6, BBNH8, BBNH9, BBNJ1, BBNJ2, BBNJ3, BBNJ4, BBNJ5, BBNJ6, BBNL9, BBNM0, BBNM0RE, BBNM1, VBLKM1, VBLKS1, VBLKS2, VHBLKM1, VHBLKS1

**B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response



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factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20% for Target compounds, < 30% for additional compounds, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25% for Target compounds, < 40% for the poor performers and additional compounds, and < 50% for 1,4-Dioxane for the opening CCV. For the closing CCV %D must be < 50% for all Target compounds and < 40% for all additional compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgement. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**7. INTERNAL STANDARDS PERFORMANCE GC/MS:**

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

The following volatile samples have internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified J+. Non-detected compounds are qualified R.

**1,4-Difluorobenzene BBNM0RE**

1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 1,4-Dioxane, 2-Butanone, Acetone, Bromochloromethane, Bromomethane, Carbon disulfide, Chloroethane, Chloroform, Chloromethane, Dichlorodifluoromethane, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane, Vinyl chloride, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

**Chlorobenzene-d5 BBNM0, BBNM0RE**

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromoethane, 1,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-Pentanone, Benzene, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, Styrene, Tetrachloroethene, Toluene, Trichloroethene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, trans-1,3-Dichloropropene

**1,4-Dichlorobenzene-d4 BBNM0, BBNM0RE**



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1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Bromoform

**8. FIELD DUPLICATES:**

No problems were found for this criterion.

**9. COMPOUND IDENTIFICATION:**

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**10. CONTRACT PROBLEMS NON-COMPLIANCE:**

**1,4-Dioxane, 1,4-Dioxane-d8:**

Initial calibration with average relative response factors (mean RRFs) and Continuing Calibration response factor (RRF 50.0) is below the contractual criteria in all the opening and closing CCV calibrations.

**11. FIELD DOCUMENTATION:**

No problems were identified.

**12. OTHER PROBLEMS:**

**13. DILUTIONS, RE-EXTRACTIONS & REANALYSIS:**

Samples may be reanalyzed after dilution, re-extraction and for other QC reasons. In such cases, the best result values are consolidated in one single report and the other report is marked as not to be used. The following Form 1(s) are not used:

**ANALYSIS: BNA**

The current SOP HW-35/SVOA (Revision 2) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for BNA organic fraction is not validated.

**1. HOLDING TIME:**



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The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**2. DEUTERATED MONITORING COMPOUNDS (DMC's)**

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following diluted semivolatile samples with dilution factors less than or equal to 5 have deuterated monitoring compound recovery above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

**Anthracene-d10 BBNM0**

Anthracene, Atrazine, Hexachlorobenzene, Phenanthrene

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

**4. BLANK CONTAMINATION:**

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U".

**A) Method blank contamination:**

No additional qualification required due to method blank contamination.

**B) Field or rinse blank contamination:**

The following semivolatile samples have contaminant analyte concentrations reported less than 5x the CRQL. The associated rinse blank contaminant concentration is less than 5x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.



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**Bis (2-ethylhexyl) phthalate BAST8, BAST9, BBNJ2, BBNL9**

**C) Tentatively Identified Compounds:**

Tentatively Identified Compounds (TICs) for BNA organic fraction is not validated.

**5. MASS SPECTROMETER TUNING:**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Response Factor GC/MS:**

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 and <0.01 for compounds exhibiting poor response in both initial and continuing calibrations. A value <0.05 and <0.01 for compounds exhibiting poor response indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, and < 40% for the poor performers. % D must be < 25% and < 40% for poor performers. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgement.

The following analytes in the sample shown were qualified for %RSD and %D:



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No problems were found for this criterion.

**7. INTERNAL STANDARDS PERFORMANCE GC/MS:**

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated “J-”, and non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated “J+” and all non-detects are qualified “R”.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**8. FIELD DUPLICATES:**

No problems were found for this criterion.

**9. COMPOUND IDENTIFICATION:**

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**10. CONTRACT PROBLEMS NON-COMPLIANCE:**

No problems were found for this criterion.

**11. FIELD DOCUMENTATION:**

No problems were identified.

**12. OTHER PROBLEMS:**

None.

**13. DILUTIONS, RE-EXTRactions & REANALYSIS:**



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Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

### ANALYSIS: PESTICIDES

The current SOP HW-36 (Revision 4) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

**1. HOLDING TIME:**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**2. SURROGATES**

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

The following pesticide samples have surrogate percent recoveries outside the lower limit of the criteria window, but greater than 10%. Detected compounds are qualified J-. Non-detected compounds are qualified UJ.

**Decachlorobiphenyl** BAST9, BBNH9, BBNM1

4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, Heptachlor, Heptachlor epoxide, Methoxychlor, Toxaphene, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, gamma-BHC (Lindane), gamma-Chlordane

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**4. LABORATORY CONTROL RECOVERY (LCS):**



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LCS data is generated to determine the long-term precision and accuracy of the analytical method. The LCS may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**5. BLANK CONTAMINATION:**

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

**A) Method/Instrument blank contamination:**

No problems were found for this criterion.

**B) Field or rinse blank contamination:**

The following pesticide samples have analyte concentrations reported less than the CRQL. The associated rinse blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

**Endrin ketone** BBNJ3MS, BBNJ3MSD

**alpha-BHC** BASW3

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

For the PESTICIDE fraction, if %RSD exceeds 20% for all analytes except alpha-BHC and delta-BHC 25%, for the two surrogates and Toxaphene 30%, qualify all associated positive results "J" and non-detects are not qualified. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**B) The Percent Difference (%D) for each of the SCP and surrogate in the PEM used for CCV must be greater than or equal to -25% and less than or equal to 25.0%. The Percent Difference (%D) between the calibration Factor (CF) for each of the SCP and surrogate in the Calibration Verification Standard (CS3) and the mean calibration factor from the initial**



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calibration must be greater than or equal to -20% and less than or equal to 20.0%. The Percent Difference not within limits, detected associated compounds are qualified "J" and non-detected associated compounds are qualified "UJ". Qualifications were applied to the samples and analytes as shown below.

The following pesticide samples are associated with a CCV with % Difference exceeding criteria. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

**Decachlorobiphenyl**

BAST8, BAST9, BASW0, BASW1, BASW2, BASW3, BASW4, BASW5, BASW6, BBNH8, BBNH9, BBNJ1, BBNJ2, BBNJ3, BBNJ3MS, BBNJ3MSD, BBNJ4, BBNJ5, BBNJ6, BBNL9, BBNM0, BBNM0DL, BBNM1, PBLKS1, PLCSS1  
alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

**Methoxychlor**

BBNM0DL

**Endrin ketone**

BBNM0DL

**Endosulfan sulfate**

BBNM0DL

**7. FIELD DUPLICATES:**

No problems were found for this criterion.

**8. COMPOUND IDENTIFICATION:**

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

The following pesticide samples have percent differences between analyte results in the range of 26-70%. Detected compounds are qualified J.

**4,4'-DDT** BBNJ3MS, BBNJ3MSD, BBNJ5  
**Endosulfan sulfate** BBNM1  
**gamma-Chlordane** PLCSS1  
**alpha-Chlordane** BBNJ1  
**Heptachlor** BBNJ2, BBNJ3MS, BBNJ3MSD  
**gamma-BHC (Lindane)** BBNM0, PLCSS1  
**Endrin** BBNJ3MS, BBNJ3MSD  
**Heptachlor epoxide** BASW5, PLCSS1  
**alpha-BHC** BASW3

The following pesticide samples have percent differences between analyte results in the range of 71-200%. Detected compounds are qualified NJ.



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**4,4'-DDD** BBNJ2  
**beta-BHC** BBNM0  
**Endosulfan II** BBNM0

The following pesticide samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

**Endosulfan sulfate** BBNJ2, BBNM0DL  
**4,4'-DDE** BAST8, BASW4, BASW6, BBNJ2, BBNJ3MS, BBNJ3MSD  
**4,4'-DDT** BASW3, BBNJ2, BBNL9, BBNM0DL  
**4,4'-DDD** BAST8  
**Dieldrin** BAST8, BBNJ2, BBNM1  
**gamma-BHC (Lindane)** BBNM0DL  
**Methoxychlor** BBNJ2, BBNM0DL, BBNM1  
**Endrin ketone** BBNH9  
**delta-BHC** BBNL9  
**Endrin** BASW3, BBNJ5, BBNL9  
**Endrin aldehyde** BBNJ5  
**Heptachlor epoxide** BAST9, BBNH9, BBNL9, BBNM1  
**beta-BHC** BBNM0DL

The following pesticide samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Using professional judgment, detected compounds are qualified J.

**Dieldrin** BBNJ0MSD  
**4,4'-DDT** BBNJ0MSD

The following pesticide samples have percent differences between analyte results exceeding 200%. Detected compounds are qualified R.

**Endosulfan II** BBNM0, BBNM0DL  
**Endosulfan I** BBNJ2  
**Endosulfan sulfate** BBNM0  
**4,4'-DDT** BBNM0, BBNM1  
**4,4'-DDE** BBNM0DL  
**Dieldrin** BBNM0, BBNM0DL  
**Methoxychlor** BBNM0  
**Endrin ketone** BBNM1  
**Endrin aldehyde** BBNJ2, BBNL9, BBNM1

The following pesticide samples have percent differences between analyte results exceeding 200%. Using professional judgment, detected compounds are qualified NJ.

**Dieldrin** BBNM0, BBNM0DL

**9. CONTRACT PROBLEMS NON-COMPLIANCE:**

None.

**10. FIELD DOCUMENTATION:**



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No problems were identified.

**11. OTHER PROBLEMS:**

**Sample BBNM0:** 4,4'-DDD result is reported from the initial analysis and qualified "J" as the reported value is over the calibration range. The dilution analysis was done but 4,4'-DDD result was non-detected.

**12. DILUTIONS, RE-EXTRactions & REANALYSIS:**

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

**ANALYSIS: PCB**

The current SOP HW-37 (Revision 3) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

**1. HOLDING TIME:**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**2. SURROGATES:**

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

The relative percent difference (RPD) between the following Aroclor matrix spike and matrix spike duplicate recoveries is outside criteria. Detected compounds are qualified J. Non-detected



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compounds are not qualified.

**Aroclor-1016 BBNJ3, BBNJ3MS, BBNJ3MSD**

**4. Laboratory Control Samples (LCS):**

LCS data provides information on the accuracy of the analytical method and laboratory performance. If LCS recoveries fell outside of the acceptable limits, qualifications were applied to the associated samples and compounds as shown below.

No problems were found for this criterion.

**5. BLANK CONTAMINATION:**

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects U. Qualifications were applied to the samples and analytes as shown below.

**A) Method blank contamination:**

No problems were found for this criterion.

**B) Field or rinse blank contamination:**

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Percent Relative Standard Deviation (%RSD):**

For the PCB fraction, if %RSD exceeds 20% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

No problems were found for this criterion.

**B) Percent Difference (%D):**

For opening CCV, or closing CCV that is used as an opening CCV for the next 12-hour period, if %D exceeds 15% for analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

For closing CCV, if %D exceeds 50% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".



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No problems were found for this criterion.

**7. FIELD DUPLICATES:**

No problems were found for this criterion.

**8. COMPOUND IDENTIFICATION:**

**A) PCB Fraction:**

**The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.**

The following Aroclor samples have percent differences between analyte results in the range of 26-70%. Detected compounds are qualified J.

**Aroclor-1260 ALCSS1, BAST9**

The following Aroclor samples have percent differences between analyte results in the range of 71-200%. Detected compounds are qualified NJ.

**Aroclor-1260 BBNH9**

**9. CONTRACT PROBLEMS NON-COMPLIANCE:**

None.

**10. FIELD DOCUMENTATION:**

No problems were identified.

**11. OTHER PROBLEMS:**

None.

**12. DILUTIONS, RE-EXTRactions & RE-ANALYSIS:**

**Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.**

# Sample Summary Report

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAAC	
Sample Number:	ABLKS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401768	pH:		Sample Date:	08/06/2014	Sample Time:	06:41:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1260	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	ALCSS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401770	pH:		Sample Date:	08/06/2014	Sample Time:	06:57:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	31	J	ug/kg	30.59099784837	J	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	35	J	ug/kg	34.9205665825	P	1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BAST8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS017	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	13:15:00	
% Moisture :	7.6087			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Phenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Acetophenone	Target	430	J	ug/kg	425.230591306	J	1.0	Yes	S3VEM
4-Methylphenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Isophorone	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Naphthalene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Caprolactam	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
Acenaphthene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Fluorene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Atrazine	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10611.30384422	U	1.0	Yes	S3VEM
Phenanthrene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Anthracene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Carbazole	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Fluoranthene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Pyrene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Chrysene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Bis(2-	Target	5300	U	ug/kg	604.6318936622	JB	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5300	U	ug/kg	604.6318936622	JB	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5300	U	ug/kg	5305.651922111	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	18000	JNB	ug/kg	17959.73786939	JNB	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	51000	JNB	ug/kg	50882.15695039	JNB	1.0	Yes	NV
Hexadecanamide	TIC	3100	JN	ug/kg	3096.909026936	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS017	pH:		Sample Date:	07/23/2014	Sample Time:	13:15:00
% Moisture :	7.6087			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Chloromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Bromomethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Chloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Acetone	Target	8.0	U	ug/kg	12.85269819131		1.0	Yes	S3VEM
Carbon disulfide	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.0	U	ug/kg	0.2673787744789	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	0.34	J	ug/kg	0.3358071008919	J	1.0	Yes	S3VEM
2-Butanone	Target	8.0	U	ug/kg	7.970198763702	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Chloroform	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Benzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	80	R	ug/kg	79.70198763702	U	1.0	Yes	S3VEM
Trichloroethene	Target	0.21	J	ug/kg	0.2115942190814	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.0	U	ug/kg	7.970198763702	U	1.0	Yes	S3VEM
Toluene	Target	4.0	U	ug/kg	0.0887196179673	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.095	J	ug/kg	0.09516901193776	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.0	U	ug/kg	7.970198763702	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
o-Xylene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Styrene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Bromoform	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.0	U	ug/kg	3.985099381851	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS017	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	13:15:00
% Moisture :	7.6087			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1221	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1232	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1242	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1248	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1254	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1260	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1262	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM
Aroclor-1268	Target	35	U	ug/kg	35.37568379629	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS017	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	13:15:00
% Moisture :	7.6087			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Dieldrin	Target	3.5	UJ	ug/kg	0.748946352850 6	JP	1.0	Yes	S3VEM
4,4'-DDE	Target	3.5	UJ	ug/kg	2.641527325425	JP	1.0	Yes	S3VEM
Endrin	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.5	UJ	ug/kg	2.814196026958	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
Methoxychlor	Target	18	UJ	ug/kg	18.22383710718	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.5	UJ	ug/kg	3.537568379629	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	UJ	ug/kg	1.822383710718	U	1.0	Yes	S3VEM
Toxaphene	Target	180	UJ	ug/kg	182.2383710718	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS018	pH:		Sample Date:	07/23/2014	Sample Time:	13:30:00
% Moisture :	10.222			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Chloromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Bromomethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Chloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Acetone	Target	8.3	U	ug/kg	8.287638609098	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.1	U	ug/kg	0.2029973660429	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
2-Butanone	Target	8.3	U	ug/kg	8.287638609098	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Chloroform	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Benzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	83	R	ug/kg	82.87638609098	U	1.0	Yes	S3VEM
Trichloroethene	Target	0.13	J	ug/kg	0.1326843369228	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.3	U	ug/kg	8.287638609098	U	1.0	Yes	S3VEM
Toluene	Target	4.1	U	ug/kg	0.084385722752 26	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	1.1	J	ug/kg	1.104371178658	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.3	U	ug/kg	8.287638609098	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
o-Xylene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Styrene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Bromoform	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.1	U	ug/kg	4.143819304549	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS018	pH:	6.9	Sample Date:	07/23/2014	Sample Time:	13:30:00
% Moisture :	10.222			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
beta-BHC	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
delta-BHC	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
Heptachlor	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
Aldrin	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.9	UJ	ug/kg	0.623111334611 8	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
Dieldrin	Target	1.7	J	ug/kg	1.74668262432	J	1.0	Yes	S3VEM
4,4'-DDE	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
Endrin	Target	0.60	J	ug/kg	0.597512204103	J	1.0	Yes	S3VEM
Endosulfan II	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
Methoxychlor	Target	19	UJ	ug/kg	18.79774655268	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.6	UJ	ug/kg	3.648974330815	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.9	UJ	ug/kg	1.879774655268	U	1.0	Yes	S3VEM
Toxaphene	Target	190	UJ	ug/kg	187.9774655268	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BAST9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS018	pH:	6.9	Sample Date:	07/23/2014	Sample Time:	13:30:00	
% Moisture :	10.222			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Phenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Acetophenone	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Isophorone	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Naphthalene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Caprolactam	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
Acenaphthene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Fluorene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Atrazine	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	11138.58629063	U	1.0	Yes	S3VEM
Phenanthrene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Anthracene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Carbazole	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Fluoranthene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Pyrene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Chrysene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Bis(2-	Target	5600	U	ug/kg	616.2616359698	JB	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5600	U	ug/kg	616.2616359698	JB	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5600	U	ug/kg	5569.293145314	U	1.0	Yes	S3VEM
Cyclohexasiloxane, dodecamethyl-2,3,4,6-Tetrachlorophenol	TIC	3900	JN	ug/kg	3887.03245784	JN	1.0	Yes	NV
Hexadecanamide	TIC	3700	JN	ug/kg	3680.188910423	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	54000	JNB	ug/kg	53615.02818062	JNB	1.0	Yes	NV
Cyclononasiloxane, octadecamethyl-Phosphoric acid, tris(2-ethylhexyl)ester	TIC	9400	JN	ug/kg	9373.008977701	JN	1.0	Yes	NV
13-Docosenamide, (Z)-	TIC	9800	JNB	ug/kg	9753.614471251	JNB	1.0	Yes	NV
Cyclononasiloxane, octadecamethyl-Cycloheptasiloxane, tetradecamethyl-	TIC				2744.547662011	JN	1.0	Yes	
	TIC	12000	JN	ug/kg	11650.29294482	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BAST9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS018	pH:	6.9	Sample Date:	07/23/2014	Sample Time:	13:30:00
% Moisture :	10.222			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1221	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1232	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1242	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1248	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1254	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1260	Target	66	J	ug/kg	66.19422818771	P	1.0	Yes	S3VEM
Aroclor-1262	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM
Aroclor-1268	Target	36	U	ug/kg	36.48974330815	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW0	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS018	pH:		Sample Date:	07/23/2014	Sample Time:	13:35:00	
% Moisture :	11.446			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Acetone	Target	8.9	U	ug/kg	8.863849813198	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	1.127034492617	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
2-Butanone	Target	8.9	U	ug/kg	8.863849813198	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.28	J	ug/kg	0.2784462641603	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	89	R	ug/kg	88.63849813198	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.9	U	ug/kg	8.863849813198	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	0.1316742767524	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.62	J	ug/kg	0.6225391889077	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.9	U	ug/kg	8.863849813198	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.431924906599	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS018	pH:	5.2	Sample Date:	07/23/2014	Sample Time:	13:35:00	
% Moisture :	11.446			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Phenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Acetophenone	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Isophorone	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Naphthalene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Caprolactam	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
Acenaphthene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Fluorene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Atrazine	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	11071.12221766	U	1.0	Yes	S3VEM
Phenanthrene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Anthracene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Carbazole	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Fluoranthene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Pyrene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Chrysene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Bis(2-	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5500	U	ug/kg	5535.56110883	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	25000	JNB	ug/kg	25411.87895986	JNB	1.0	Yes	NV
Hexadecanamide	TIC	4200	JN	ug/kg	4197.726700048	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	61000	JNB	ug/kg	61432.21793991	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW0	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS018	pH:	5.2	Sample Date:	07/23/2014	Sample Time:	13:35:00
% Moisture :	11.446			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
beta-BHC	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
delta-BHC	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Heptachlor	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Aldrin	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Dieldrin	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
Endrin	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
Methoxychlor	Target	19	UJ	ug/kg	19.00725339151	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.7	UJ	ug/kg	3.689643305411	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.9	UJ	ug/kg	1.900725339151	U	1.0	Yes	S3VEM
Toxaphene	Target	190	UJ	ug/kg	190.0725339151	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS018	pH:	5.2	Sample Date:	07/23/2014	Sample Time:	13:35:00
% Moisture :	11.446			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1221	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1232	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1242	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1248	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1254	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1260	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1262	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM
Aroclor-1268	Target	37	U	ug/kg	36.89643305411	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS019	pH:	7.9	Sample Date:	07/23/2014	Sample Time:	13:50:00
% Moisture :	1.6986			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
beta-BHC	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
delta-BHC	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Heptachlor	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Aldrin	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Endosulfan I	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Diieldrin	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
4,4'-DDE	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
Endrin	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
Endosulfan II	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
4,4'-DDD	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
4,4'-DDT	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
Methoxychlor	Target	170	UJ	ug/kg	172.3629734132	U	10.0	Yes	S3VEM
Endrin ketone	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	33	UJ	ug/kg	33.45869483904	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	17	UJ	ug/kg	17.23629734132	U	10.0	Yes	S3VEM
Toxaphene	Target	1700	UJ	ug/kg	1723.629734132	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS019	pH:	7.9	Sample Date:	07/23/2014	Sample Time:	13:50:00	
% Moisture :	1.6986			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Phenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2-Methylphenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Acetophenone	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Methylphenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Hexachloroethane	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Nitrobenzene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Isophorone	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Naphthalene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Caprolactam	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Acenaphthylene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
Acenaphthene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
Dibenzofuran	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Diethylphthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Fluorene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Atrazine	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	20000	U	ug/kg	19946.65705397	U	2.0	Yes	S3VEM
Phenanthrene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Anthracene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Carbazole	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Fluoranthene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Pyrene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Chrysene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Bis(2-	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	10000	U	ug/kg	9973.328526987	U	2.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	4700	JNB	ug/kg	4712.198262431	JNB	2.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	49000	JNB	ug/kg	48793.711952	JNB	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS019	pH:	7.9	Sample Date:	07/23/2014	Sample Time:	13:50:00
% Moisture :	1.6986			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1221	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1232	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1242	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1248	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1254	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1260	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1262	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM
Aroclor-1268	Target	330	U	ug/kg	334.5869483904	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS019	pH:		Sample Date:	07/23/2014	Sample Time:	13:50:00	
% Moisture :	1.6986			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10.01259359993	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	0.6504774925636	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10.01259359993	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	0.6163749009052	J	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.82	J	ug/kg	0.8153021617943	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100.1259359993	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10.01259359993	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	0.1148867675105	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10.01259359993	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.006296799964	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS019	pH:	8.6	Sample Date:	07/23/2014	Sample Time:	13:52:00
% Moisture :	4.1491			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	340.8759576252	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS019	pH:	8.6	Sample Date:	07/23/2014	Sample Time:	13:52:00	
% Moisture :	4.1491			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Phenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2-Methylphenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Acetophenone	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Methylphenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Hexachloroethane	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Nitrobenzene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Isophorone	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Naphthalene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Caprolactam	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Acenaphthylene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
Acenaphthene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
Dibenzofuran	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Diethylphthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Fluorene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Atrazine	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	30988.72342047	U	3.0	Yes	S3VEM
Phenanthrene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Anthracene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Carbazole	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Fluoranthene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Pyrene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Chrysene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Bis(2-	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	42000	JNB	ug/kg	42250.3353987	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	15000	U	ug/kg	15494.36171023	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				6878.566937641	JN	3.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS019	pH:		Sample Date:	07/23/2014	Sample Time:	13:52:00	
% Moisture :	4.1491			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Chloromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Bromomethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Chloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10.64801102527		1.0	Yes	S3VEM
Carbon disulfide	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.2	U	ug/kg	3.460053791191	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
2-Butanone	Target	6.9	J	ug/kg	6.865557704035	J	1.0	Yes	S3VEM
Bromochloromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Chloroform	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Cyclohexane	Target	3.4	J	ug/kg	3.389134010419	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Benzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	103.5006966094	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10.35006966094	U	1.0	Yes	S3VEM
Toluene	Target	5.2	U	ug/kg	0.4858782067738	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10.35006966094	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.12	J	ug/kg	0.1193803556688	J	1.0	Yes	S3VEM
o-Xylene	Target	0.14	J	ug/kg	0.1371230967002	J	1.0	Yes	S3VEM
m,p-Xylene	Target	5.2	U	ug/kg	0.2973463286508	J	1.0	Yes	S3VEM
Styrene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Bromoform	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM
Total Alkanes	TIC	7.8	J	ug/kg	7.786046903833	J	1.0	Yes	NV
1,2,3-Trichlorobenzene	Target	5.2	U	ug/kg	5.175034830468	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS019	pH:	8.6	Sample Date:	07/23/2014	Sample Time:	13:52:00
% Moisture :	4.1491			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
beta-BHC	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
delta-BHC	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Heptachlor	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Aldrin	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Dieldrin	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
Endrin	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
Endosulfan II	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
4,4'-DDT	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	UJ	ug/kg	175.6027660493	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	UJ	ug/kg	34.08759576252	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	UJ	ug/kg	17.56027660493	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	UJ	ug/kg	1756.027660493	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS020	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:10:00
% Moisture :	3.2686			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	337.9962254712	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS020	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:10:00	
% Moisture :	3.2686			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	31013.71426445	U	3.0	Yes	S3VEM
Phenanthrene	Target	1400	J	ug/kg	1443.757570049	J	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Fluoranthene	Target	2500	J	ug/kg	2486.932819141	J	3.0	Yes	S3VEM
Pyrene	Target	2700	J	ug/kg	2749.670593847	J	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	1800	J	ug/kg	1828.211145208	J	3.0	Yes	S3VEM
Chrysene	Target	1700	J	ug/kg	1657.470145669	J	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	2700	J	ug/kg	2706.819239397	J	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	2100	J	ug/kg	2131.810210975	J	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1700	J	ug/kg	1666.552165229	J	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	2000	J	ug/kg	2031.241467761	J	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	21000	JNB	ug/kg	20994.42373418	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15506.85713222	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	52000	JNB	ug/kg	51938.35714153	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS020	pH:		Sample Date:	07/23/2014	Sample Time:	14:10:00	
% Moisture :	3.2686			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Chloromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Bromomethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Chloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Acetone	Target	9.1	U	ug/kg	9.132424695067	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.6	U	ug/kg	0.2652387981629	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
2-Butanone	Target	9.1	U	ug/kg	9.132424695067	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Chloroform	Target	4.6	U	ug/kg	0.3408721929086	J	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Benzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	91	R	ug/kg	91.32424695067	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.1	U	ug/kg	9.132424695067	U	1.0	Yes	S3VEM
Toluene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.1	U	ug/kg	9.132424695067	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
o-Xylene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Styrene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Bromoform	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.6	U	ug/kg	4.566212347534	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS020	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:10:00
% Moisture :	3.2686			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	17	UJ	ug/kg	1.769866299303	JP	10.0	Yes	S3VEM
beta-BHC	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
delta-BHC	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Heptachlor	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Aldrin	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Endosulfan I	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Diieldrin	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
Endrin	Target	34	UJ	ug/kg	2.848356335587	JP	10.0	Yes	S3VEM
Endosulfan II	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
4,4'-DDT	Target	34	UJ	ug/kg	6.191066097732	JP	10.0	Yes	S3VEM
Methoxychlor	Target	170	UJ	ug/kg	174.119267667	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	UJ	ug/kg	33.79962254712	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	17	UJ	ug/kg	17.4119267667	U	10.0	Yes	S3VEM
Toxaphene	Target	1700	UJ	ug/kg	1741.19267667	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS020	pH:		Sample Date:	07/23/2014	Sample Time:	14:15:00	
% Moisture :	4.4075			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Chloromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Bromomethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Chloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Acetone	Target	8.5	U	ug/kg	11.8503200217		1.0	Yes	S3VEM
Carbon disulfide	Target	4.3	U	ug/kg	0.7996511901986	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.3	U	ug/kg	0.2698561934244	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
2-Butanone	Target	5.9	J	ug/kg	5.879670747141	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Chloroform	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Benzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	85	R	ug/kg	85.46627235947	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.5	U	ug/kg	8.546627235947	U	1.0	Yes	S3VEM
Toluene	Target	4.3	U	ug/kg	0.1032416169583	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.16	J	ug/kg	0.1552062388227	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.5	U	ug/kg	8.546627235947	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.094	J	ug/kg	0.0935141288746	J	1.0	Yes	S3VEM
o-Xylene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.3	U	ug/kg	0.1204267659826	J	1.0	Yes	S3VEM
Styrene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Bromoform	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.3	U	ug/kg	4.273313617974	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS020	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	14:15:00	
% Moisture :	4.4075			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Acetophenone	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Naphthalene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Diethylphthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	52000	U	ug/kg	52305.358684	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Fluoranthene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Pyrene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	26152.679342	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				21746.99898005	JN	5.0	Yes	
9-Octadecenamide, (Z)-	TIC	68000	JNB	ug/kg	68385.59510422	JNB	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS020	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	14:15:00
% Moisture :	4.4075			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	342.1361420361	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS020	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	14:15:00
% Moisture :	4.4075			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
beta-BHC	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
delta-BHC	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Heptachlor	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Aldrin	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Diieldrin	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
4,4'-DDE	Target	34	UJ	ug/kg	3.907823583892	JP	10.0	Yes	S3VEM
Endrin	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
Endosulfan II	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
4,4'-DDD	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
4,4'-DDT	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	UJ	ug/kg	176.251951958	U	10.0	Yes	S3VEM
Endrin ketone	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	UJ	ug/kg	34.21361420361	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	UJ	ug/kg	17.6251951958	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	UJ	ug/kg	1762.51951958	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS021	pH:		Sample Date:	07/23/2014	Sample Time:	14:30:00	
% Moisture :	4.6617			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Chloromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Bromomethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Chloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Acetone	Target	8.1	U	ug/kg	8.093336447908	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.0	U	ug/kg	0.6575363961281	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
2-Butanone	Target	8.1	U	ug/kg	8.093336447908	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Chloroform	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Cyclohexane	Target	1.2	J	ug/kg	1.195732163079	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Benzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	81	R	ug/kg	80.93336447908	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.1	U	ug/kg	8.093336447908	U	1.0	Yes	S3VEM
Toluene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.091	J	ug/kg	0.09087918042272	J	1.0	Yes	S3VEM
2-Hexanone	Target	8.1	U	ug/kg	8.093336447908	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
o-Xylene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Styrene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Bromoform	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.0	U	ug/kg	4.046668223954	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS021	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:30:00
% Moisture :	4.6617			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
beta-BHC	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
delta-BHC	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
Heptachlor	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
Aldrin	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	2.9	J	ug/kg	2.915429366146	JP	10.0	Yes	S3VEM
Endosulfan I	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
Dieldrin	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
4,4'-DDE	Target	10	J	ug/kg	10.10546422906	J	10.0	Yes	S3VEM
Endrin	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	UJ	ug/kg	178.3123886203	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	UJ	ug/kg	34.61358132041	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	UJ	ug/kg	17.83123886203	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	UJ	ug/kg	1783.123886203	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS021	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:30:00
% Moisture :	4.6617			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	346.1358132041	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS021	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	14:30:00	
% Moisture :	4.6617			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	31155.33872224	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15577.66936112	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	52000	JNB	ug/kg	51640.90859228	JNB	3.0	Yes	NV
13-Docosenamide, (Z)-	TIC	18000	JNB	ug/kg	18068.22713858	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW6	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS021	pH:	8.1	Sample Date:	07/23/2014	Sample Time:	14:35:00
% Moisture :	5.8933			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Diieldrin	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.5	UJ	ug/kg	0.196565908313 5	JP	1.0	Yes	S3VEM
Endrin	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
Methoxychlor	Target	18	UJ	ug/kg	17.89755727106	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.5	UJ	ug/kg	3.474231705558	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	UJ	ug/kg	1.789755727106	U	1.0	Yes	S3VEM
Toxaphene	Target	180	UJ	ug/kg	178.9755727106	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS021	pH:	8.1	Sample Date:	07/23/2014	Sample Time:	14:35:00	
% Moisture :	5.8933			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Phenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Acetophenone	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Isophorone	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Naphthalene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Caprolactam	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
Acenaphthene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Fluorene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Atrazine	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10217.53458084	U	1.0	Yes	S3VEM
Phenanthrene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Anthracene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Carbazole	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Fluoranthene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Pyrene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Chrysene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Bis(2-	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5100	U	ug/kg	5108.767290419	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	62000	JNB	ug/kg	61910.80075963	JNB	1.0	Yes	NV
13-Docosenamide, (Z)-	TIC	11000	JNB	ug/kg	11255.94262029	JNB	1.0	Yes	NV
Hexadecanamide	TIC	4200	JN	ug/kg	4224.644023139	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BASW6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS021	pH:	8.1	Sample Date:	07/23/2014	Sample Time:	14:35:00
% Moisture :	5.8933			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1221	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1232	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1242	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1248	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1254	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1260	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1262	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM
Aroclor-1268	Target	35	U	ug/kg	34.74231705558	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BASW6	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS021	pH:		Sample Date:	07/23/2014	Sample Time:	14:35:00	
% Moisture :	5.8933			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Chloromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Vinyl chloride	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Bromomethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Chloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Acetone	Target	27		ug/kg	26.87377174846		1.0	Yes	S3VEM
Carbon disulfide	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Methyl acetate	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Methylene chloride	Target	3.9	U	ug/kg	0.238433595662	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
2-Butanone	Target	9.1		ug/kg	9.073987184002		1.0	Yes	S3VEM
Bromochloromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Chloroform	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Cyclohexane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Benzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	78	R	ug/kg	78.01935362754	U	1.0	Yes	S3VEM
Trichloroethene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	7.8	U	ug/kg	7.801935362754	U	1.0	Yes	S3VEM
Toluene	Target	3.9	U	ug/kg	0.08543880751836	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
2-Hexanone	Target	7.8	U	ug/kg	7.801935362754	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Chlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Ethylbenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
o-Xylene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
m,p-Xylene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Styrene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Bromoform	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	3.9	U	ug/kg	3.900967681377	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNH8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS031	pH:	5.5	Sample Date:	07/24/2014	Sample Time:	14:41:00
% Moisture :	6.2177			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Diieldrin	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
Endrin	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
Methoxychlor	Target	18	UJ	ug/kg	18.1270879473	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.5	UJ	ug/kg	3.518787660358	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	UJ	ug/kg	1.81270879473	U	1.0	Yes	S3VEM
Toxaphene	Target	180	UJ	ug/kg	181.270879473	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNH8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS031	pH:	5.5	Sample Date:	07/24/2014	Sample Time:	14:41:00	
% Moisture :	6.2177			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Phenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Acetophenone	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Isophorone	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Naphthalene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Caprolactam	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
Acenaphthene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Fluorene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Atrazine	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10662.99291018	U	1.0	Yes	S3VEM
Phenanthrene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Anthracene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Carbazole	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Fluoranthene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Pyrene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Chrysene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Bis(2-	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	24000	JNB	ug/kg	23987.3622208	JNB	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5300	U	ug/kg	5331.496455088	U	1.0	Yes	S3VEM
Decanamide-	TIC	5000	JNB	ug/kg	4968.314916567	JNB	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	74000	JNB	ug/kg	74278.0887225	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNH8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS031	pH:		Sample Date:	07/24/2014	Sample Time:	14:41:00	
% Moisture :	6.2177			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Chloromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Bromomethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Chloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	3.015199179816	J	1.0	Yes	S3VEM
Carbon disulfide	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.3	U	ug/kg	0.561716235755	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	10.59939653099	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Chloroform	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Benzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	110	R	ug/kg	105.9939653099	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	11	U	ug/kg	10.59939653099	U	1.0	Yes	S3VEM
Toluene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	10.59939653099	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
o-Xylene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Styrene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Bromoform	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.3	U	ug/kg	5.299698265495	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNH8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS031	pH:	5.5	Sample Date:	07/24/2014	Sample Time:	14:41:00
% Moisture :	6.2177			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1221	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1232	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1242	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1248	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1254	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1260	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1262	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM
Aroclor-1268	Target	35	U	ug/kg	35.18787660358	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNH9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS032	pH:	7.2	Sample Date:	07/24/2014	Sample Time:	14:50:00
% Moisture :	9.0335			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1221	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1232	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1242	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1248	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1254	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1260	Target	42	NJ	ug/kg	41.9806609506	P	1.0	Yes	S3VEM
Aroclor-1262	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM
Aroclor-1268	Target	36	U	ug/kg	36.02491660082	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNH9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS032	pH:		Sample Date:	07/24/2014	Sample Time:	14:50:00	
% Moisture :	9.0335			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Chloromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Bromomethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Chloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Acetone	Target	8.3	U	ug/kg	8.253046459419	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.1	U	ug/kg	0.3282928462206	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
2-Butanone	Target	8.3	U	ug/kg	8.253046459419	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Chloroform	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Benzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	83	R	ug/kg	82.53046459419	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.3	U	ug/kg	8.253046459419	U	1.0	Yes	S3VEM
Toluene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.3	U	ug/kg	8.253046459419	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
o-Xylene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Styrene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Bromoform	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.1	U	ug/kg	4.12652322971	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNH9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS032	pH:	7.2	Sample Date:	07/24/2014	Sample Time:	14:50:00	
% Moisture :	9.0335			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	32000	U	ug/kg	31710.743896	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	62000	JNB	ug/kg	62407.69530964	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15855.371948	U	3.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNH9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS032	pH:	7.2	Sample Date:	07/24/2014	Sample Time:	14:50:00
% Moisture :	9.0335			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
beta-BHC	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
delta-BHC	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
Heptachlor	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
Aldrin	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.9	UJ	ug/kg	0.3379299291745	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
Diieldrin	Target	1.5	J	ug/kg	1.471820978018	J	1.0	Yes	S3VEM
4,4'-DDE	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
Endrin	Target	0.39	J	ug/kg	0.3882416505075	J	1.0	Yes	S3VEM
Endosulfan II	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
Methoxychlor	Target	19	UJ	ug/kg	18.55829037012	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.6	UJ	ug/kg	0.8342676177761	JP	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.6	UJ	ug/kg	3.602491660082	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.9	UJ	ug/kg	1.855829037012	U	1.0	Yes	S3VEM
Toxaphene	Target	190	UJ	ug/kg	185.5829037012	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS032	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	15:05:00
% Moisture :	14.31			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1221	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1232	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1242	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1248	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1254	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1260	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1262	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM
Aroclor-1268	Target	38	U	ug/kg	38.05426030129	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS032	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	15:05:00	
% Moisture :	14.31			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Phenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2-Methylphenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Acetophenone	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Methylphenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Hexachloroethane	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Nitrobenzene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Isophorone	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Naphthalene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Caprolactam	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Acenaphthylene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
Acenaphthene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
Dibenzofuran	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Diethylphthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Fluorene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Atrazine	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	23000	U	ug/kg	22660.14205643	U	2.0	Yes	S3VEM
Phenanthrene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Anthracene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Carbazole	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Fluoranthene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Pyrene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Chrysene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Bis(2-	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	11000	U	ug/kg	11330.07102822	U	2.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	20000	JNB	ug/kg	19729.05268143	JNB	2.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	63000	JNB	ug/kg	63295.44179912	JNB	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS032	pH:		Sample Date:	07/24/2014	Sample Time:	15:05:00	
% Moisture :	14.31			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Chloromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Bromomethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Chloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Acetone	Target	53		ug/kg	52.7888157838		1.0	Yes	S3VEM
Carbon disulfide	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.8	U	ug/kg	0.4981289728237	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
2-Butanone	Target	20		ug/kg	19.8018733883		1.0	Yes	S3VEM
Bromochloromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Chloroform	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Benzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	120	R	ug/kg	116.4667979946	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	12	U	ug/kg	11.64667979946	U	1.0	Yes	S3VEM
Toluene	Target	5.8	U	ug/kg	0.2490995203724	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	11.64667979946	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
o-Xylene	Target	5.8	U	ug/kg	0.3670958114163	JB	1.0	Yes	S3VEM
m,p-Xylene	Target	5.8	U	ug/kg	0.4413026637718	J	1.0	Yes	S3VEM
Styrene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Bromoform	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.34	J	ug/kg	0.3362458330796	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.8	U	ug/kg	5.823339899731	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS032	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	15:05:00
% Moisture :	14.31			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
beta-BHC	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
delta-BHC	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
Heptachlor	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
Aldrin	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
Endosulfan I	Target	2.0	UJ	ug/kg	1.960370985218	U	1.0	Yes	S3VEM
Diieldrin	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
4,4'-DDE	Target	0.33	J	ug/kg	0.332230823561 1	J	1.0	Yes	S3VEM
Endrin	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
Methoxychlor	Target	20	UJ	ug/kg	19.60370985218	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.8	UJ	ug/kg	3.805426030129	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	2.5	J	ug/kg	2.496031077824	P	1.0	Yes	S3VEM
gamma-Chlordane	Target	2.9	J	ug/kg	2.927849474857		1.0	Yes	S3VEM
Toxaphene	Target	200	UJ	ug/kg	196.0370985218	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:50:00
% Moisture :	18.747			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1221	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1232	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1242	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1248	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1254	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1260	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1262	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM
Aroclor-1268	Target	400	U	ug/kg	404.789551752	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:		Sample Date:	07/24/2014	Sample Time:	13:50:00	
% Moisture :	18.747			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Chloromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Vinyl chloride	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Bromomethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Chloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Acetone	Target	600	U	ug/kg	603.7443501476	U	1.0	Yes	S3VEM
Carbon disulfide	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Methyl acetate	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Methylene chloride	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
2-Butanone	Target	600	U	ug/kg	603.7443501476	U	1.0	Yes	S3VEM
Bromochloromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Chloroform	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Cyclohexane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Benzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	6000	R	ug/kg	6037.443501476	U	1.0	Yes	S3VEM
Trichloroethene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	600	U	ug/kg	603.7443501476	U	1.0	Yes	S3VEM
Toluene	Target	300	U	ug/kg	113.6010987721	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
2-Hexanone	Target	600	U	ug/kg	603.7443501476	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Chlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Ethylbenzene	Target	21	J	ug/kg	21.31892568102	J	1.0	Yes	S3VEM
o-Xylene	Target	18	J	ug/kg	17.83890469112	J	1.0	Yes	S3VEM
m,p-Xylene	Target	300	U	ug/kg	25.18316147875	J	1.0	Yes	S3VEM
Styrene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Bromoform	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	300	U	ug/kg	301.8721750738	U	1.0	Yes	S3VEM
Benzene, 1-ethyl-2,3-dimethyl-	TIC	1200	JN	ug/kg	1196.621301992	JN	1.0	Yes	NV
Cyclohexane, 1-methyl-4-(1-methylethenyl)-, cis-	TIC	940	JN	ug/kg	942.4449305803	JN	1.0	Yes	NV
Benzene, 1-methyl-3-propyl-	TIC	800	JN	ug/kg	797.5462865449	JN	1.0	Yes	NV
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	TIC	1200	JN	ug/kg	1200.243768093	JN	1.0	Yes	NV

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzene, 4-ethyl-1,2-dimethyl-	TIC	3000	JN	ug/kg	2988.53453323	JN	1.0	Yes	NV
p-Cymene	TIC	2500	JN	ug/kg	2468.106903403	JN	1.0	Yes	NV
1-Pentene, 2,4,4-trimethyl-	TIC	350	JN	ug/kg	350.4132208256	JN	1.0	Yes	NV
Cyclohexene, 4-methyl-1-(1-methylethyl)-	TIC	18000	JN	ug/kg	18428.08879955	JN	1.0	Yes	NV
(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	TIC	540	JN	ug/kg	539.8138609104	JN	1.0	Yes	NV
Total Alkanes	TIC	3200	J	ug/kg	3207.120175201	J	1.0	Yes	NV
1H-Indene, 2,3-dihydro-4-methyl-	TIC	910	JN	ug/kg	909.2389913222	JN	1.0	Yes	NV
2-tert-Butylcyclohexanone	TIC	2900	JN	ug/kg	2902.802835509	JN	1.0	Yes	NV
o-Cymene	TIC	1000	JN	ug/kg	1027.572883951	JN	1.0	Yes	NV
Cyclohexane, 1-methyl-4-(1-methylethyl)-, trans-	TIC	4200	JN	ug/kg	4203.268165727	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:50:00	
% Moisture :	18.747			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Phenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2-Methylphenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Acetophenone	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Methylphenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Hexachloroethane	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Nitrobenzene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Isophorone	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Naphthalene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Caprolactam	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Acenaphthylene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
Acenaphthene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
Dibenzofuran	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Diethylphthalate	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Fluorene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Atrazine	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	37000	U	ug/kg	36921.7136598	U	3.0	Yes	S3VEM
Phenanthrene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Anthracene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Carbazole	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Fluoranthene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Pyrene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	1500	J	ug/kg	1546.466931877	J	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Chrysene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Bis(2-	Target	18000	U	ug/kg	2843.335150756	JB	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	18000	U	ug/kg	2843.335150756	JB	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	18000	U	ug/kg	18460.8568299	U	3.0	Yes	S3VEM
Total Alkanes	TIC	70000	J	ug/kg	69738.10197778	J	3.0	Yes	NV
Phenol, 4-(1,1,3,3-tetramethylbutyl)-	TIC	7900	JN	ug/kg	7875.770740773	JN	3.0	Yes	NV
n-Hexadecanoic acid	TIC	16000	JN	ug/kg	15590.56280999	JN	3.0	Yes	NV
Cyclohexane, 1-methyl-4-(1-methylethylidene)-	TIC	18000	JN	ug/kg	18385.53653404	JN	3.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	58000	JNB	ug/kg	57960.0753203	JNB	3.0	Yes	NV
7-Acetyl-6-ethyl-1,1,4,4-tetramethyltetralin	TIC	27000	JN	ug/kg	27232.7175612	JN	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:50:00
% Moisture :	18.747			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
beta-BHC	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
delta-BHC	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
Heptachlor	Target	21	J	ug/kg	20.82802198756	JP	10.0	Yes	S3VEM
Aldrin	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
Endosulfan I	Target	22	R	ug/kg	21.56012282926	P	10.0	Yes	S3VEM
Diieldrin	Target	40	UJ	ug/kg	21.36283824722	JP	10.0	Yes	S3VEM
4,4'-DDE	Target	40	UJ	ug/kg	10.78401634019	JP	10.0	Yes	S3VEM
Endrin	Target	40	UJ	ug/kg	40.4789551752	U	10.0	Yes	S3VEM
Endosulfan II	Target	40	UJ	ug/kg	40.4789551752	U	10.0	Yes	S3VEM
4,4'-DDD	Target	240	NJ	ug/kg	239.9571681594	P	10.0	Yes	S3VEM
Endosulfan sulfate	Target	40	UJ	ug/kg	36.18816511088	JP	10.0	Yes	S3VEM
4,4'-DDT	Target	40	UJ	ug/kg	11.12081481532	JP	10.0	Yes	S3VEM
Methoxychlor	Target	210	UJ	ug/kg	178.7523491468	JP	10.0	Yes	S3VEM
Endrin ketone	Target	40	UJ	ug/kg	40.4789551752	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	110	R	ug/kg	111.1361289119	P	10.0	Yes	S3VEM
alpha-Chlordane	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	21	UJ	ug/kg	20.85279509025	U	10.0	Yes	S3VEM
Toxaphene	Target	2100	UJ	ug/kg	2085.279509025	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:		Sample Date:	07/24/2014	Sample Time:	13:55:00	
% Moisture :	15.561			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Chloromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Bromomethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Chloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Acetone	Target	9.6	U	ug/kg	17.73065912135		1.0	Yes	S3VEM
Carbon disulfide	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.8	U	ug/kg	0.3674705775452	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	0.90	J	ug/kg	0.9002689594379	J	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
2-Butanone	Target	5.4	J	ug/kg	5.40504066344	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Chloroform	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Benzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	96	R	ug/kg	96.12718195245	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.6	U	ug/kg	9.612718195245	U	1.0	Yes	S3VEM
Toluene	Target	4.8	U	ug/kg	0.2449999432197	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.6	U	ug/kg	9.612718195245	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Ethylbenzene	Target	56		ug/kg	55.51661844307		1.0	Yes	S3VEM
o-Xylene	Target	6.0		ug/kg	6.025693673256	B	1.0	Yes	S3VEM
m,p-Xylene	Target	13		ug/kg	13.20418589506		1.0	Yes	S3VEM
Styrene	Target	4.8	U	ug/kg	0.2222446289986	JB	1.0	Yes	S3VEM
Bromoform	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	J	ug/kg	4.394006166049	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.8	U	ug/kg	4.806359097623	U	1.0	Yes	S3VEM
Benzene, (trifluoromethyl)-	TIC	110	JN	ug/kg	107.1433570042	JN	1.0	Yes	NV
1-Phenyl-1-butene	TIC	6.1	JN	ug/kg	6.08139003904	JN	1.0	Yes	NV
Benzene, 1,2,4,5-tetramethyl-	TIC	8.7	JN	ug/kg	8.653561173724	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
beta-BHC	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
delta-BHC	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Heptachlor	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Aldrin	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Endosulfan I	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Dieldrin	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
Endrin	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
Methoxychlor	Target	20	UJ	ug/kg	19.95989126384	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.9	UJ	ug/kg	3.874567127686	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	2.0	UJ	ug/kg	1.995989126384	U	1.0	Yes	S3VEM
Toxaphene	Target	200	UJ	ug/kg	199.5989126384	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1221	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1232	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1242	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1248	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1254	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1260	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1262	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM
Aroclor-1268	Target	39	U	ug/kg	38.74567127686	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00	
% Moisture :	15.561			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Phenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Acetophenone	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Isophorone	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Naphthalene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Caprolactam	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
Acenaphthene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Fluorene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Atrazine	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	11278.92268242	U	1.0	Yes	S3VEM
Phenanthrene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Anthracene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Carbazole	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Fluoranthene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Pyrene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Chrysene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Bis(2-	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	3900	JNB	ug/kg	3882.205187289	JNB	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5600	U	ug/kg	5639.461341211	U	1.0	Yes	S3VEM
Tetradecanamide	TIC	2400	JN	ug/kg	2369.701655577	JN	1.0	Yes	NV
Hexadecanamide	TIC				2462.63997848	JN	1.0	Yes	
Hexadecanamide	TIC	7400	JN	ug/kg	7409.801045443	JN	1.0	Yes	NV
Caryophyllene	TIC	16000	JN	ug/kg	16057.91501219	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	100000	JNB	ug/kg	100524.9774563	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3MS	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420755006	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Spike	16	J	ug/kg	15.75494618619		1.0	Yes	S3VEM
beta-BHC	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
Heptachlor	Spike	16	J	ug/kg	15.6430413051	P	1.0	Yes	S3VEM
Aldrin	Spike	16	J	ug/kg	15.78157986276		1.0	Yes	S3VEM
delta-BHC	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
Dieldrin	Spike	38	J	ug/kg	38.10029447657		1.0	Yes	S3VEM
Endrin	Spike	31	J	ug/kg	30.85178849751	P	1.0	Yes	S3VEM
4,4'-DDT	Spike	30	J	ug/kg	30.21062260105	P	1.0	Yes	S3VEM
Heptachlor epoxide	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
Endosulfan I	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.9	UJ	ug/kg	0.338407801238 7	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.9	UJ	ug/kg	3.897752702253	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.9	UJ	ug/kg	3.897752702253	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.9	UJ	ug/kg	3.897752702253	U	1.0	Yes	S3VEM
Methoxychlor	Target	20	UJ	ug/kg	20.07933210251	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.9	UJ	ug/kg	1.640658322786	J	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.9	UJ	ug/kg	3.897752702253	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	2.0	UJ	ug/kg	2.007933210251	U	1.0	Yes	S3VEM
Toxaphene	Target	200	UJ	ug/kg	200.7933210251	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3MS	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420755006	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	140	J	ug/kg	142.878635739		1.0	Yes	S3VEM
Aroclor-1221	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	140		ug/kg	144.9196595845		1.0	Yes	S3VEM
Aroclor-1232	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1242	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1248	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1254	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1262	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM
Aroclor-1268	Target	39	U	ug/kg	38.97752702253	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3MSD	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420755007	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	140	J	ug/kg	138.5299478646		1.0	Yes	S3VEM
Aroclor-1221	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	150		ug/kg	145.2425380299		1.0	Yes	S3VEM
Aroclor-1232	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1242	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1248	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1254	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1262	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM
Aroclor-1268	Target	39	U	ug/kg	38.59262715068	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ3MSD	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420755007	pH:	6.9	Sample Date:	07/24/2014	Sample Time:	13:55:00
% Moisture :	15.561			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Spike	16	J	ug/kg	15.74682108869		1.0	Yes	S3VEM
Heptachlor	Spike	16	J	ug/kg	15.72853321356	P	1.0	Yes	S3VEM
beta-BHC	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
delta-BHC	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
Aldrin	Spike	15	J	ug/kg	15.32654792174		1.0	Yes	S3VEM
Dieldrin	Spike	42	J	ug/kg	41.5833132361		1.0	Yes	S3VEM
Endrin	Spike	31	J	ug/kg	30.60332511779	P	1.0	Yes	S3VEM
4,4'-DDT	Spike	30	J	ug/kg	29.5662679518	P	1.0	Yes	S3VEM
Heptachlor epoxide	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
Endosulfan I	Target	0.91	J	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.9	UJ	ug/kg	0.320968361014 1	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.9	UJ	ug/kg	3.859262715068	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.9	UJ	ug/kg	3.859262715068	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.9	UJ	ug/kg	3.859262715068	U	1.0	Yes	S3VEM
Methoxychlor	Target	20	UJ	ug/kg	19.88105035035	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.9	UJ	ug/kg	1.649288687437	J	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.9	UJ	ug/kg	3.859262715068	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	2.0	UJ	ug/kg	1.988105035035	U	1.0	Yes	S3VEM
Toxaphene	Target	200	UJ	ug/kg	198.8105035035	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:		Sample Date:	07/24/2014	Sample Time:	13:59:00	
% Moisture :	8.7261			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Chloromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Bromomethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Chloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Acetone	Target	19		ug/kg	18.51585522345		1.0	Yes	S3VEM
Carbon disulfide	Target	4.7	U	ug/kg	0.286151994309	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.7	U	ug/kg	0.651217761895	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
2-Butanone	Target	3.0	J	ug/kg	3.033775449797	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Chloroform	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Benzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	94	R	ug/kg	93.64132076101	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.4	U	ug/kg	9.364132076101	U	1.0	Yes	S3VEM
Toluene	Target	4.7	U	ug/kg	0.09554743513326	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.4	U	ug/kg	9.364132076101	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Ethylbenzene	Target	27		ug/kg	27.2185838491		1.0	Yes	S3VEM
o-Xylene	Target	4.7	U	ug/kg	3.684719360976	JB	1.0	Yes	S3VEM
m,p-Xylene	Target	7.9		ug/kg	7.905555541553		1.0	Yes	S3VEM
Styrene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Bromoform	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	2.6	J	ug/kg	2.613455689079	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.7	U	ug/kg	4.682066038051	U	1.0	Yes	S3VEM
Benzene, 1,2,3,5-tetramethyl-	TIC	5.1	JN	ug/kg	5.125644974496	JN	1.0	Yes	NV
Benzene, (trifluoromethyl)-	TIC	12	JN	ug/kg	11.63961617059	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:59:00	
% Moisture :	8.7261			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Phenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Acetophenone	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Isophorone	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Naphthalene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Caprolactam	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
Acenaphthene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Fluorene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Atrazine	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10534.64858561	U	1.0	Yes	S3VEM
Phenanthrene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Anthracene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Carbazole	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Fluoranthene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Pyrene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Chrysene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Bis(2-	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
Hexadecanamide	TIC	5400	JN	ug/kg	5355.183262011	JN	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5300	U	ug/kg	5267.324292807	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	7300	JNB	ug/kg	7324.635815091	JNB	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	75000	JNB	ug/kg	75317.0486769	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:59:00
% Moisture :	8.7261			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
beta-BHC	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
delta-BHC	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Heptachlor	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Aldrin	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Diieldrin	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
Endrin	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
Methoxychlor	Target	19	UJ	ug/kg	18.60045808858	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.6	UJ	ug/kg	3.610677158372	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.9	UJ	ug/kg	1.860045808858	U	1.0	Yes	S3VEM
Toxaphene	Target	190	UJ	ug/kg	186.0045808858	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS034	pH:	6.7	Sample Date:	07/24/2014	Sample Time:	13:59:00
% Moisture :	8.7261			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1221	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1232	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1242	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1248	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1254	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1260	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1262	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM
Aroclor-1268	Target	36	U	ug/kg	36.10677158372	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS035	pH:		Sample Date:	07/24/2014	Sample Time:	14:10:00	
% Moisture :	11.675			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Acetone	Target	8.7	U	ug/kg	8.735974393112	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.7394280105273	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
2-Butanone	Target	8.7	U	ug/kg	8.735974393112	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	87	R	ug/kg	87.35974393112	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.7	U	ug/kg	8.735974393112	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.7	U	ug/kg	8.735974393112	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.367987196556	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS035	pH:	7.5	Sample Date:	07/24/2014	Sample Time:	14:10:00
% Moisture :	11.675			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
beta-BHC	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
delta-BHC	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Heptachlor	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Aldrin	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Diieldrin	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
4,4'-DDE	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
Endrin	Target	37	UJ	ug/kg	4.341308980528	JP	10.0	Yes	S3VEM
Endosulfan II	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
4,4'-DDD	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
4,4'-DDT	Target	33	J	ug/kg	33.4557748032	JP	10.0	Yes	S3VEM
Methoxychlor	Target	190	UJ	ug/kg	191.069809228	U	10.0	Yes	S3VEM
Endrin ketone	Target	37	UJ	ug/kg	37.09002179132	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	37	UJ	ug/kg	29.72174238996	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	19	UJ	ug/kg	19.1069809228	U	10.0	Yes	S3VEM
Toxaphene	Target	1900	UJ	ug/kg	1910.69809228	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS035	pH:	7.5	Sample Date:	07/24/2014	Sample Time:	14:10:00
% Moisture :	11.675			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1221	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1232	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1242	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1248	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1254	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1260	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1262	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM
Aroclor-1268	Target	370	U	ug/kg	370.9002179132	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS035	pH:	7.5	Sample Date:	07/24/2014	Sample Time:	14:10:00	
% Moisture :	11.675			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Phenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2-Methylphenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Acetophenone	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Methylphenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Hexachloroethane	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Nitrobenzene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Isophorone	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Naphthalene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Caprolactam	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Acenaphthylene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
Acenaphthene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
Dibenzofuran	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Diethylphthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Fluorene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Atrazine	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	34000	U	ug/kg	33629.17667368	U	3.0	Yes	S3VEM
Phenanthrene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Anthracene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Carbazole	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Fluoranthene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Pyrene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Chrysene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Bis(2-	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	73000	JNB	ug/kg	73413.50155395	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	17000	U	ug/kg	16814.58833684	U	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	22000	JNB	ug/kg	21949.42732315	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ6	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS035	pH:	8.5	Sample Date:	07/24/2014	Sample Time:	14:15:00
% Moisture :	8.8123			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
beta-BHC	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
delta-BHC	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Heptachlor	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Aldrin	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Dieldrin	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
Endrin	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	UJ	ug/kg	185.8092878172	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	UJ	ug/kg	36.06886175274	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	19	UJ	ug/kg	18.58092878172	U	10.0	Yes	S3VEM
Toxaphene	Target	1900	UJ	ug/kg	1858.092878172	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS035	pH:	8.5	Sample Date:	07/24/2014	Sample Time:	14:15:00	
% Moisture :	8.8123			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	33000	U	ug/kg	32899.17390174	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	16449.58695087	U	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	28000	JNB	ug/kg	28060.36340427	JNB	3.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	61000	JNB	ug/kg	60915.78140473	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNJ6	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS035	pH:		Sample Date:	07/24/2014	Sample Time:	14:15:00	
% Moisture :	8.8123			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Acetone	Target	8.8	U	ug/kg	8.801277127272	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.7203249615219	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
2-Butanone	Target	8.8	U	ug/kg	8.801277127272	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	88.01277127272	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.801277127272	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.801277127272	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.400638563636	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNJ6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS035	pH:	8.5	Sample Date:	07/24/2014	Sample Time:	14:15:00
% Moisture :	8.8123			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	360.6886175274	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNL9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS043	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	10:45:00
% Moisture :	21.05			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
beta-BHC	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
delta-BHC	Target	22	UJ	ug/kg	9.18034600025	JP	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
Heptachlor	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
Aldrin	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	22	UJ	ug/kg	20.93823268685	JP	10.0	Yes	S3VEM
Endosulfan I	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
Dieldrin	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
4,4'-DDE	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
Endrin	Target	42	UJ	ug/kg	9.623839014789	JP	10.0	Yes	S3VEM
Endosulfan II	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
4,4'-DDD	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
4,4'-DDT	Target	42	UJ	ug/kg	14.24970727767	JP	10.0	Yes	S3VEM
Methoxychlor	Target	220	UJ	ug/kg	215.2544043267	U	10.0	Yes	S3VEM
Endrin ketone	Target	42	UJ	ug/kg	41.78467848695	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	130	R	ug/kg	132.0057933443	P	10.0	Yes	S3VEM
alpha-Chlordane	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	22	UJ	ug/kg	21.52544043267	U	10.0	Yes	S3VEM
Toxaphene	Target	2200	UJ	ug/kg	2152.544043267	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNL9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS043	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	10:45:00	
% Moisture :	21.05			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Phenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2-Methylphenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Acetophenone	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Methylphenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Hexachloroethane	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Nitrobenzene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Isophorone	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Naphthalene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Caprolactam	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Acenaphthylene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
Acenaphthene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
Dibenzofuran	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Diethylphthalate	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Fluorene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Atrazine	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	120000	U	ug/kg	121790.8121011	U	10.0	Yes	S3VEM
Phenanthrene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Anthracene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Carbazole	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Fluoranthene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Pyrene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Chrysene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Bis(2-	Target	61000	U	ug/kg	54483.15393002	JB	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	61000	U	ug/kg	54483.15393002	JB	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	61000	U	ug/kg	60895.40605057	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	54000	JNB	ug/kg	54407.60948994	JNB	10.0	Yes	NV
Tetradecanoic acid	TIC	74000	JN	ug/kg	74070.73610367	JN	10.0	Yes	NV
Dodecanoic acid	TIC	100000	JN	ug/kg	103969.1625664	JN	10.0	Yes	NV
Homosalate	TIC	59000	JN	ug/kg	59239.05100599	JN	10.0	Yes	NV
n-Hexadecanoic acid	TIC	310000	JN	ug/kg	312144.9797827	JN	10.0	Yes	NV
Ethanol, 2-butoxy-, phosphate (3:1)	TIC	300000	JN	ug/kg	302227.5539533	JN	10.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNL9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS043	pH:	6.5	Sample Date:	07/25/2014	Sample Time:	10:45:00
% Moisture :	21.05			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1221	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1232	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1242	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1248	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1254	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1260	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1262	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM
Aroclor-1268	Target	420	U	ug/kg	417.8467848695	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNL9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS043	pH:		Sample Date:	07/25/2014	Sample Time:	10:45:00	
% Moisture :	21.05			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Chloromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Vinyl chloride	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Bromomethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Chloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Acetone	Target	690	U	ug/kg	687.8763410747	U	1.0	Yes	S3VEM
Carbon disulfide	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Methyl acetate	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Methylene chloride	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
2-Butanone	Target	690	U	ug/kg	687.8763410747	U	1.0	Yes	S3VEM
Bromochloromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Chloroform	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Cyclohexane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Benzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	6900	R	ug/kg	6878.763410747	U	1.0	Yes	S3VEM
Trichloroethene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	690	U	ug/kg	687.8763410747	U	1.0	Yes	S3VEM
Toluene	Target	2000		ug/kg	1976.031401471		1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
2-Hexanone	Target	690	U	ug/kg	687.8763410747	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Chlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Ethylbenzene	Target	56	J	ug/kg	56.47740698527	J	1.0	Yes	S3VEM
o-Xylene	Target	120	J	ug/kg	115.9501951154	J	1.0	Yes	S3VEM
m,p-Xylene	Target	340	U	ug/kg	252.6600219539	J	1.0	Yes	S3VEM
Styrene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Bromoform	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	3900		ug/kg	3928.179028406		1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	340	U	ug/kg	343.9381705373	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNM0	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS044	pH:		Sample Date:	07/25/2014	Sample Time:	11:00:00	
% Moisture :	2.2289			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Acetone	Target	8.8	U	ug/kg	5.044299207887	J	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Methyl acetate	Target	9.5		ug/kg	9.514067965211		1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.5590255599215	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
2-Butanone	Target	8.8	U	ug/kg	8.802040663699	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Benzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	88.02040663699	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	R	ug/kg	8.802040663699	U	1.0	Yes	S3VEM
Toluene	Target	4.4	UJ	ug/kg	0.093653773302 79	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	R	ug/kg	8.802040663699	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Styrene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	R	ug/kg	4.40102033185	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNM0	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS044	pH:	6.8	Sample Date:	07/25/2014	Sample Time:	11:00:00
% Moisture :	2.2289			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
beta-BHC	Target	110	NJ	ug/kg	111.4105454772	P	10.0	Yes	S3VEM
delta-BHC	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	30	J	ug/kg	29.81043018529	P	10.0	Yes	S3VEM
Heptachlor	Target	270	J	ug/kg	269.1191346305		10.0	Yes	S3VEM
Aldrin	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
Endosulfan I	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
Diieldrin	Target	770	NJ	ug/kg	765.695267331	EP	10.0	No	S3VEM
4,4'-DDE	Target	34	UJ	ug/kg	33.69614488754	U	10.0	Yes	S3VEM
Endrin	Target	34	UJ	ug/kg	33.69614488754	U	10.0	Yes	S3VEM
Endosulfan II	Target	430	NJ	ug/kg	431.1553413072	P	10.0	Yes	S3VEM
4,4'-DDD	Target	2400	J	ug/kg	2396.151698084	E	10.0	Yes	S3VEM
Endosulfan sulfate	Target	230	R	ug/kg	226.8073355885	P	10.0	Yes	S3VEM
4,4'-DDT	Target	480	R	ug/kg	484.1883543788	P	10.0	Yes	S3VEM
Methoxychlor	Target	1200	R	ug/kg	1207.628189362	P	10.0	Yes	S3VEM
Endrin ketone	Target	34	UJ	ug/kg	33.69614488754	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	34	UJ	ug/kg	33.69614488754	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	17	UJ	ug/kg	17.35862009358	U	10.0	Yes	S3VEM
Toxaphene	Target	1700	UJ	ug/kg	1735.862009358	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNM0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS044	pH:	6.8	Sample Date:	07/25/2014	Sample Time:	11:00:00
% Moisture :	2.2289			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1221	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1232	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1242	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1248	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1254	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1260	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1262	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM
Aroclor-1268	Target	340	U	ug/kg	336.9614488754	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNM0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS044	pH:	6.8	Sample Date:	07/25/2014	Sample Time:	11:00:00	
% Moisture :	2.2289			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Phenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2-Methylphenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Acetophenone	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Methylphenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Hexachloroethane	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Nitrobenzene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Isophorone	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Naphthalene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Caprolactam	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Acenaphthylene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
Acenaphthene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
Dibenzofuran	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Diethylphthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Fluorene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Atrazine	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	20000	U	ug/kg	20455.94250244	U	2.0	Yes	S3VEM
Phenanthrene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Anthracene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Carbazole	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Fluoranthene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Pyrene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Chrysene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Bis(2-	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Total Alkanes	TIC	44000	J	ug/kg	43783.28565394	J	2.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	10000	U	ug/kg	10227.97125122	U	2.0	Yes	S3VEM
Benzene, (1-methylethyl)-	TIC	5100	JN	ug/kg	5076.346691405	JN	2.0	Yes	NV
1-Heptanol, 6-methyl-	TIC	21000	JN	ug/kg	20929.29301194	JN	2.0	Yes	NV
Oleanitrile	TIC	12000	JN	ug/kg	11532.65126402	JN	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNM0DL	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS044	pH:	6.8	Sample Date:	07/25/2014	Sample Time:	11:00:00
% Moisture :	2.2289			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
beta-BHC	Target	170	UJ	ug/kg	15.57324702219	JDP	100.0	No	S3VEM
delta-BHC	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
gamma-BHC (Lindane)	Target	170	UJ	ug/kg	9.466246363332	JDP	100.0	No	S3VEM
Heptachlor	Target	320	J	ug/kg	315.8795883347	D	100.0	No	S3VEM
Aldrin	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
Heptachlor epoxide	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
Endosulfan I	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
Diieldrin	Target	640	NJ	ug/kg	644.9454981878	DP	100.0	Yes	S3VEM
4,4'-DDE	Target	400	R	ug/kg	398.7696623417	DP	100.0	No	S3VEM
Endrin	Target	340	UJ	ug/kg	336.9614488754	U	100.0	No	S3VEM
Endosulfan II	Target	370	R	ug/kg	372.2239464186	DP	100.0	No	S3VEM
4,4'-DDD	Target	340	UJ	ug/kg	336.9614488754	U	100.0	No	S3VEM
Endosulfan sulfate	Target	340	UJ	ug/kg	334.4548664543	JDP	100.0	No	S3VEM
4,4'-DDT	Target	340	UJ	ug/kg	91.08546080201	JDP	100.0	No	S3VEM
Methoxychlor	Target	1700	UJ	ug/kg	387.4170547224	JDP	100.0	No	S3VEM
Endrin ketone	Target	340	UJ	ug/kg	336.9614488754	U	100.0	No	S3VEM
Endrin aldehyde	Target	340	UJ	ug/kg	336.9614488754	U	100.0	No	S3VEM
alpha-Chlordane	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
gamma-Chlordane	Target	170	UJ	ug/kg	173.5862009358	U	100.0	No	S3VEM
Toxaphene	Target	17000	UJ	ug/kg	17358.62009358	U	100.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNM0RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS044	pH:		Sample Date:	07/25/2014	Sample Time:	11:00:00	
% Moisture :	2.2289			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Chloromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Vinyl chloride	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Bromomethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Chloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1-Dichloroethene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Acetone	Target	25	J+	ug/kg	25.05034034315		1.0	No	S3VEM
Carbon disulfide	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Methyl acetate	Target	22	J+	ug/kg	21.60320357242		1.0	No	S3VEM
Methylene chloride	Target	4.6	UJ	ug/kg	1.343649307619	JB	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
2-Butanone	Target	14	J+	ug/kg	13.69228664031		1.0	No	S3VEM
Bromochloromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Chloroform	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Cyclohexane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Carbon tetrachloride	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Benzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,4-Dioxane	Target	92	R	ug/kg	91.81302738975	U	1.0	No	S3VEM
Trichloroethene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Methylcyclohexane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2-Dichloropropane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	9.2	R	ug/kg	9.181302738975	U	1.0	No	S3VEM
Toluene	Target	4.6	UJ	ug/kg	0.112310879796	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Tetrachloroethene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
2-Hexanone	Target	9.2	R	ug/kg	9.181302738975	U	1.0	No	S3VEM
Dibromochloromethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Chlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Ethylbenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
o-Xylene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
m,p-Xylene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Styrene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Bromoform	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
Isopropylbenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	4.6	R	ug/kg	4.590651369488	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNM1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS045	pH:	5.1	Sample Date:	07/25/2014	Sample Time:	11:45:00
% Moisture :	2.7577			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1221	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1232	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1242	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1248	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1254	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1260	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1262	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM
Aroclor-1268	Target	34	U	ug/kg	33.93584890526	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNM1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS045	pH:		Sample Date:	07/25/2014	Sample Time:	11:45:00	
% Moisture :	2.7577			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Chloromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Vinyl chloride	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Bromomethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Chloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Acetone	Target	100		ug/kg	102.8434869308		1.0	Yes	S3VEM
Carbon disulfide	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Methyl acetate	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Methylene chloride	Target	8.1	U	ug/kg	1.601223166645	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
2-Butanone	Target	13	J	ug/kg	13.34654871407	J	1.0	Yes	S3VEM
Bromochloromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Chloroform	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Cyclohexane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Benzene	Target	3.0	J	ug/kg	2.973554223378	J	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	160	R	ug/kg	162.7150407809	U	1.0	Yes	S3VEM
Trichloroethene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	16	U	ug/kg	16.27150407809	U	1.0	Yes	S3VEM
Toluene	Target	8.1	U	ug/kg	0.8312078005057	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	2.8	J	ug/kg	2.8080269879	J	1.0	Yes	S3VEM
2-Hexanone	Target	16	U	ug/kg	16.27150407809	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Chlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Ethylbenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
o-Xylene	Target	8.1	U	ug/kg	0.1961564394896	JB	1.0	Yes	S3VEM
m,p-Xylene	Target	8.1	U	ug/kg	0.4681230351046	J	1.0	Yes	S3VEM
Styrene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Bromoform	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	8.1	U	ug/kg	8.135752039044	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	BBNM1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-TS045	pH:	5.1	Sample Date:	07/25/2014	Sample Time:	11:45:00	
% Moisture :	2.7577			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Phenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2-Chlorophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2-Methylphenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Acetophenone	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Methylphenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Hexachloroethane	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Nitrobenzene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Isophorone	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2-Nitrophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4-Dimethylphenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4-Dichlorophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Naphthalene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Chloroaniline	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Hexachlorobutadiene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Caprolactam	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2-Methylnaphthalene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
1,1'-Biphenyl	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2-Chloronaphthalene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
Dimethylphthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Acenaphthylene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
3-Nitroaniline	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
Acenaphthene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4-Dinitrophenol	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
4-Nitrophenol	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
Dibenzofuran	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Diethylphthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Fluorene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Nitroaniline	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Hexachlorobenzene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Atrazine	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Pentachlorophenol	Target	20000	U	ug/kg	20163.90309285	U	2.0	Yes	S3VEM
Phenanthrene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Anthracene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Carbazole	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Di-n-butylphthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Fluoranthene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Pyrene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Benzo(a)anthracene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Chrysene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Bis(2-	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Di-n-octylphthalate	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Benzo(a)pyrene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	10000	U	ug/kg	10081.95154642	U	2.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	14000	JNB	ug/kg	14274.02699943	JNB	2.0	Yes	NV
Hexadecanamide	TIC	5100	JN	ug/kg	5052.065919913	JN	2.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	61000	JNB	ug/kg	61334.96370588	JNB	2.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	BBNM1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-TS045	pH:	5.1	Sample Date:	07/25/2014	Sample Time:	11:45:00
% Moisture :	2.7577			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
Heptachlor	Target	1.2	J	ug/kg	1.209248492807	J	1.0	Yes	S3VEM
Aldrin	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	UJ	ug/kg	0.9235457512338	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
Dieldrin	Target	3.4	UJ	ug/kg	0.953744597625	JP	1.0	Yes	S3VEM
4,4'-DDE	Target	5.6	J-	ug/kg	5.635888544783		1.0	Yes	S3VEM
Endrin	Target	3.4	UJ	ug/kg	3.393584890526	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.4	UJ	ug/kg	3.393584890526	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.4	UJ	ug/kg	3.393584890526	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	15	J-	ug/kg	14.58107830024	P	1.0	Yes	S3VEM
4,4'-DDT	Target	3.9	R	ug/kg	3.902699178074	P	1.0	Yes	S3VEM
Methoxychlor	Target	17	UJ	ug/kg	9.299920310969	JP	1.0	Yes	S3VEM
Endrin ketone	Target	6.6	R	ug/kg	6.572392219202	P	1.0	Yes	S3VEM
Endrin aldehyde	Target	7.8	R	ug/kg	7.767083561273	P	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.6	J	ug/kg	1.565322001418	J	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	UJ	ug/kg	1.74821039815	U	1.0	Yes	S3VEM
Toxaphene	Target	170	UJ	ug/kg	174.821039815	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	PBLKS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401768	pH:		Sample Date:	08/06/2014	Sample Time:	00:13:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	UJ	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	UJ	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	PLCSS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401769	pH:		Sample Date:	08/06/2014	Sample Time:	00:47:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	0.95	J	ug/kg	0.9516729611313	JP	1.0	Yes	S3VEM
alpha-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Spike	1.7	J	ug/kg	1.667270690968	J	1.0	Yes	S3VEM
Endrin	Spike	2.1	J	ug/kg	2.108648092991	J	1.0	Yes	S3VEM
Heptachlor	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Spike	1.1	J	ug/kg	1.087118971318	JP	1.0	Yes	S3VEM
4,4'-DDE	Spike	2.7	J	ug/kg	2.684560936148	J	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Endosulfan sulfate	Spike	1.8	J	ug/kg	1.788280579835	J	1.0	Yes	S3VEM
gamma-Chlordane	Spike	1.1	J	ug/kg	1.065829266894	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	UJ	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	UJ	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	UJ	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	UJ	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	SBLK96	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401896	pH:		Sample Date:	08/03/2014	Sample Time:	15:05:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Phenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acetophenone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Isophorone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Naphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Caprolactam	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Acenaphthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluorene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Atrazine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Phenanthrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Carbazole	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Chrysene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-	Target	480	J	ug/kg	483.1965736723	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	480	J	ug/kg	483.1965736723	J	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Tetradecanamide	TIC	2000	JN	ug/kg	2022.4	JN	1.0	Yes	NV
Decanamide-	TIC	3300	JN	ug/kg	3282.3	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	52000	JN	ug/kg	51876.7	JN	1.0	Yes	NV
13-Docosenamide, (Z)-	TIC	23000	JN	ug/kg	23392.3	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	VBLKM1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	403307	pH:		Sample Date:	08/01/2014	Sample Time:	17:10:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Vinyl chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromomethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Acetone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Carbon disulfide	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl acetate	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylene chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Butanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Bromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Cyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Benzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	5000	R	ug/kg	5000	U	1.0	Yes	S3VEM
Trichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Toluene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Hexanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chlorobenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Ethylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
o-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
m,p-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Styrene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromoform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	15	J	ug/kg	14.63326797117	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	19	J	ug/kg	18.91330588079	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	18	J	ug/kg	17.74517224768	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	27	J	ug/kg	27.0404078205	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	45	J	ug/kg	44.66492792623	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	VBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	403304	pH:		Sample Date:	08/02/2014	Sample Time:	11:03:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.30	J	ug/kg	0.3000143915346	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	0.21	J	ug/kg	0.213274366271 1	J	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.29	J	ug/kg	0.291721406008	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.38	J	ug/kg	0.380478344661 3	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.35	J	ug/kg	0.351592591874 7	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.54	J	ug/kg	0.539071864674 7	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.84	J	ug/kg	0.836460520025 5	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	VBLKS2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	403305	pH:		Sample Date:	08/02/2014	Sample Time:	17:14:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.51	J	ug/kg	0.514615531955	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	0.16	J	ug/kg	0.1551425184187	J	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	0.25	J	ug/kg	0.2513103646579	J	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.32	J	ug/kg	0.3150822558974	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.41	J	ug/kg	0.4061201147528	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.38	J	ug/kg	0.3805235687024	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.54	J	ug/kg	0.5415117135401	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.85	J	ug/kg	0.8459450521445	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc	
Sample Number:	VHBLKM1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	403308	pH:		Sample Date:	08/01/2014	Sample Time:	23:19:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Vinyl chloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Bromomethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Acetone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Carbon disulfide	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl acetate	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylene chloride	Target	30	J	ug/kg	29.99971744628	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Butanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Bromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chloroform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Cyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Benzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	5000	R	ug/kg	5000	U	1.0	Yes	S3VEM
Trichloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM

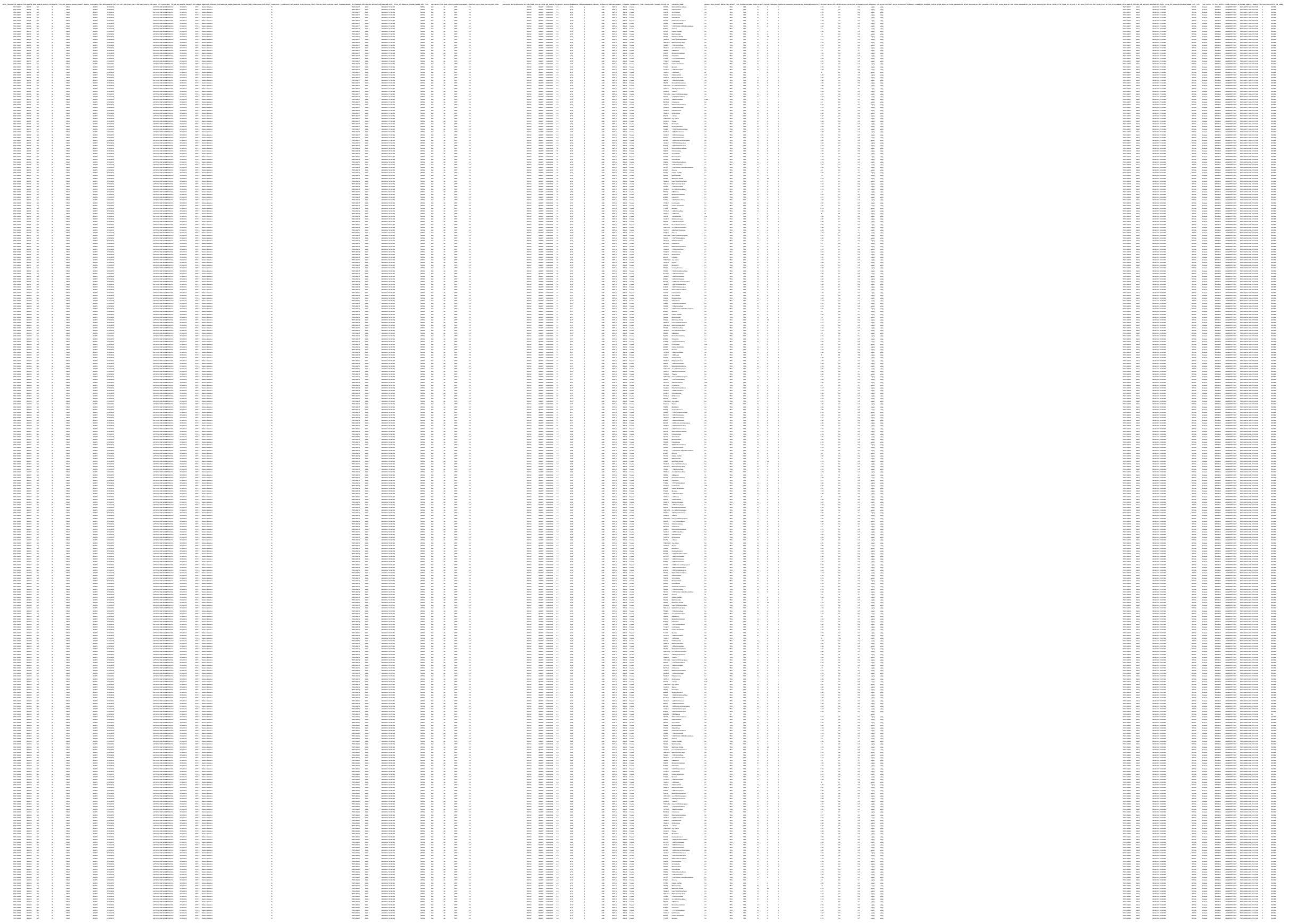
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Toluene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
2-Hexanone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Chlorobenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Ethylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
o-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
m,p-Xylene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Styrene	Target	11	J	ug/kg	11.42314681066	J	1.0	Yes	S3VEM
Bromoform	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	13	J	ug/kg	13.00233839789	JB	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	17	J	ug/kg	16.87856053919	JB	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	16	J	ug/kg	15.922839472	JB	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	250	U	ug/kg	250	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	22	J	ug/kg	21.52834612582	JB	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	39	J	ug/kg	39.2080433276	JB	1.0	Yes	S3VEM

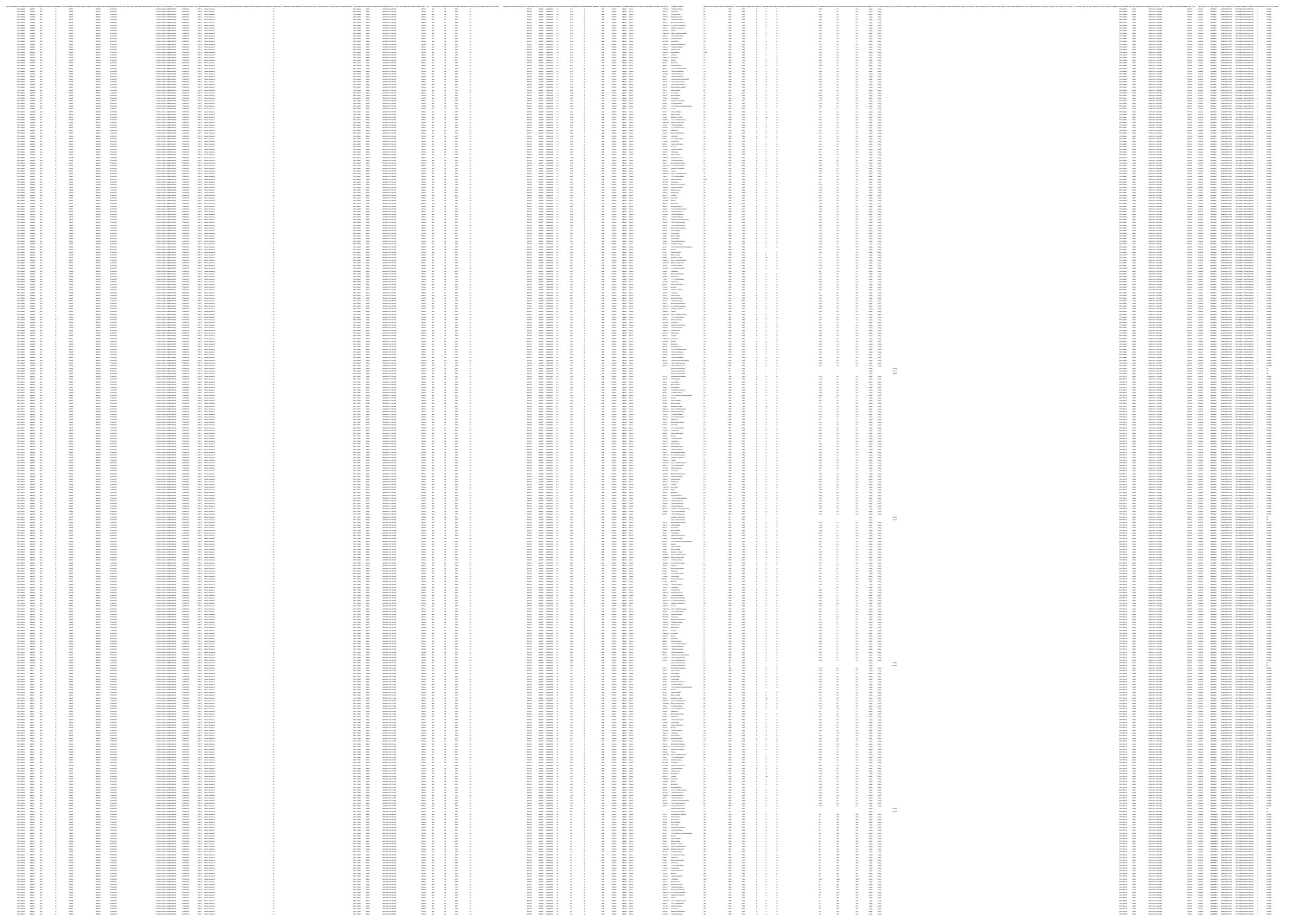
Case No:	44546	Contract:	EPW11037	SDG No:	BAST8	Lab Code:	DATAc
Sample Number:	VHBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	403306	pH:		Sample Date:	08/02/2014	Sample Time:	22:22:00
% Moisture :	0.0			% Solids :			

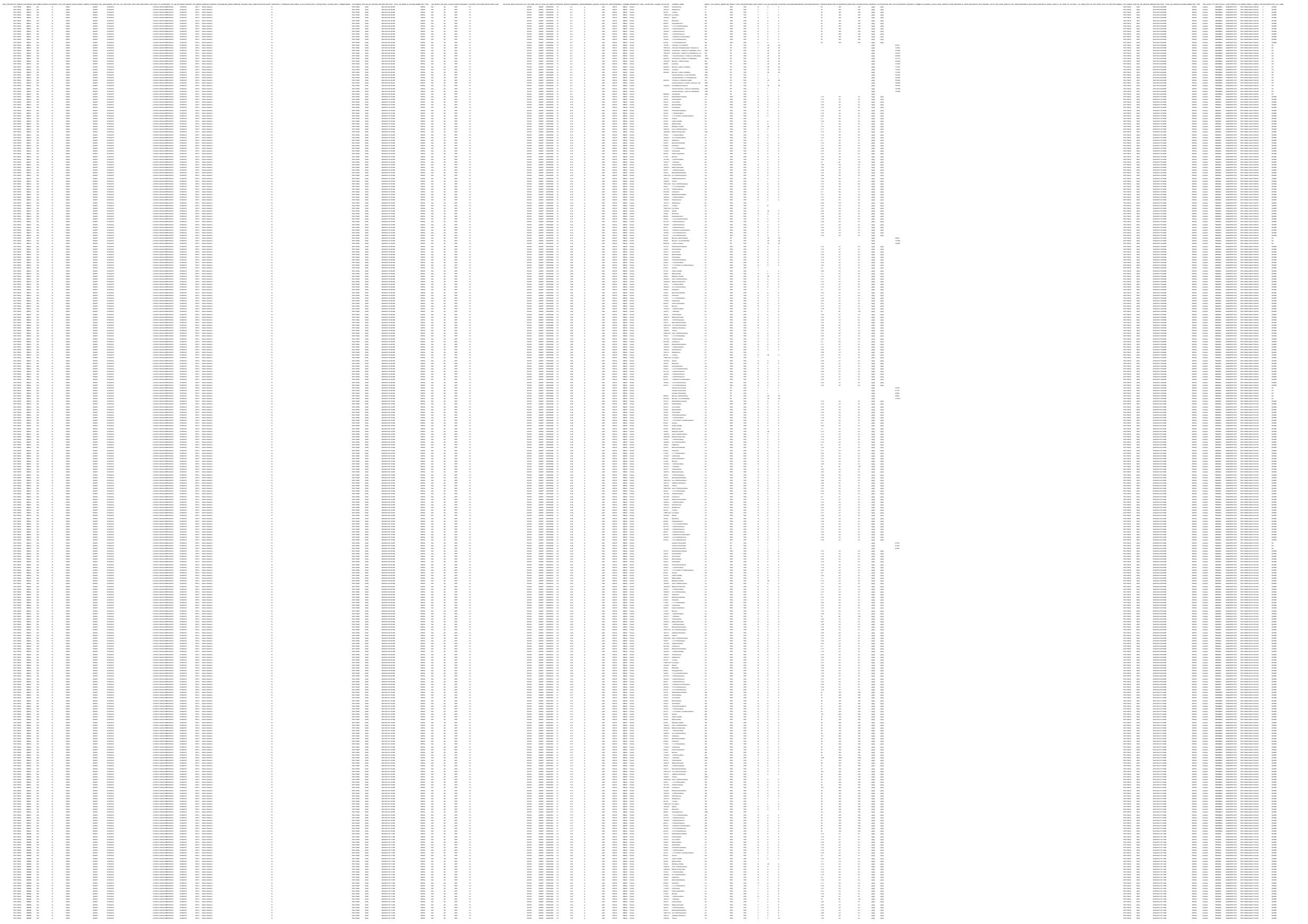
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	1.2	J	ug/kg	1.181199098875	JB	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

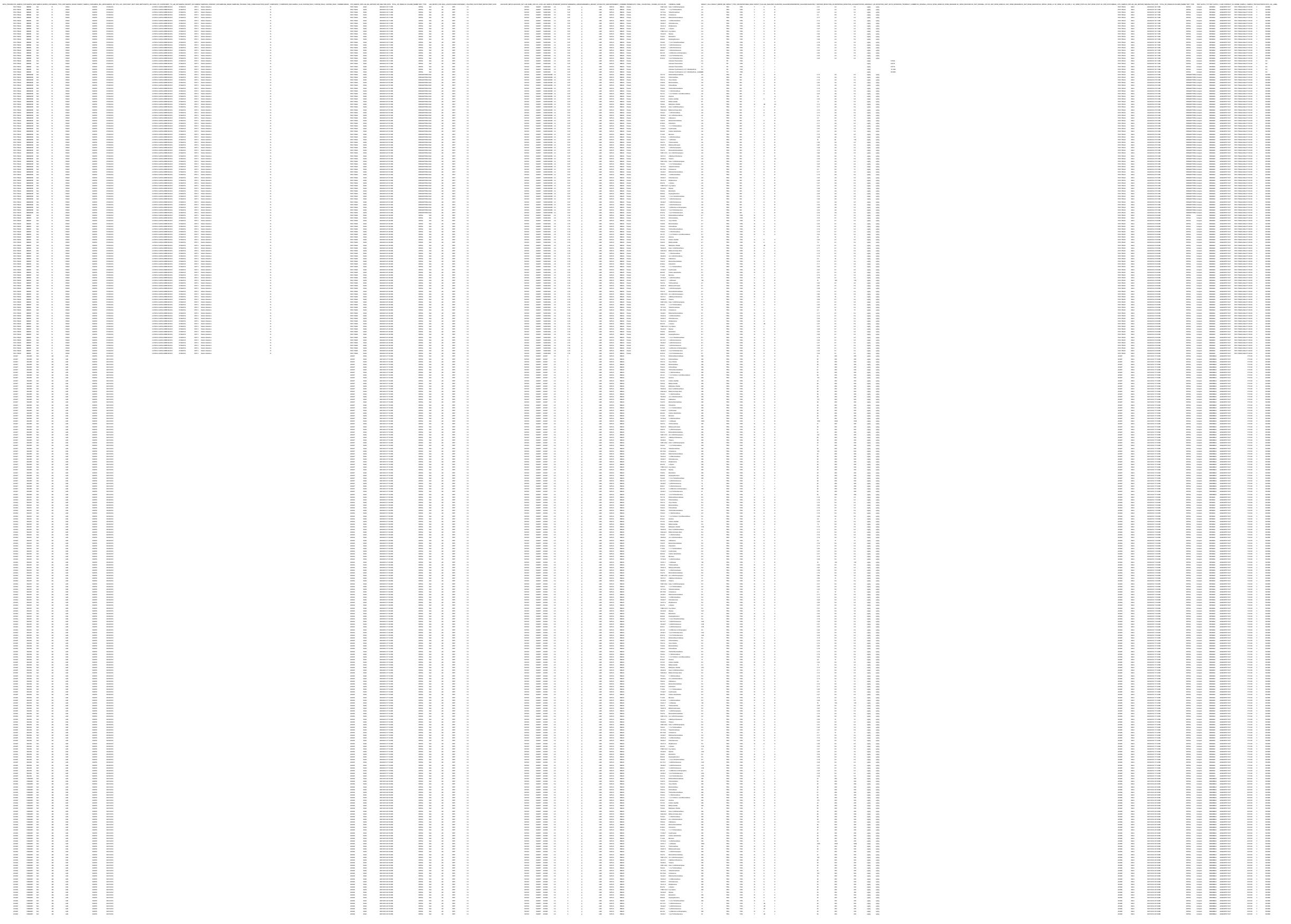
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	0.32	J	ug/kg	0.3204758676514	J	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

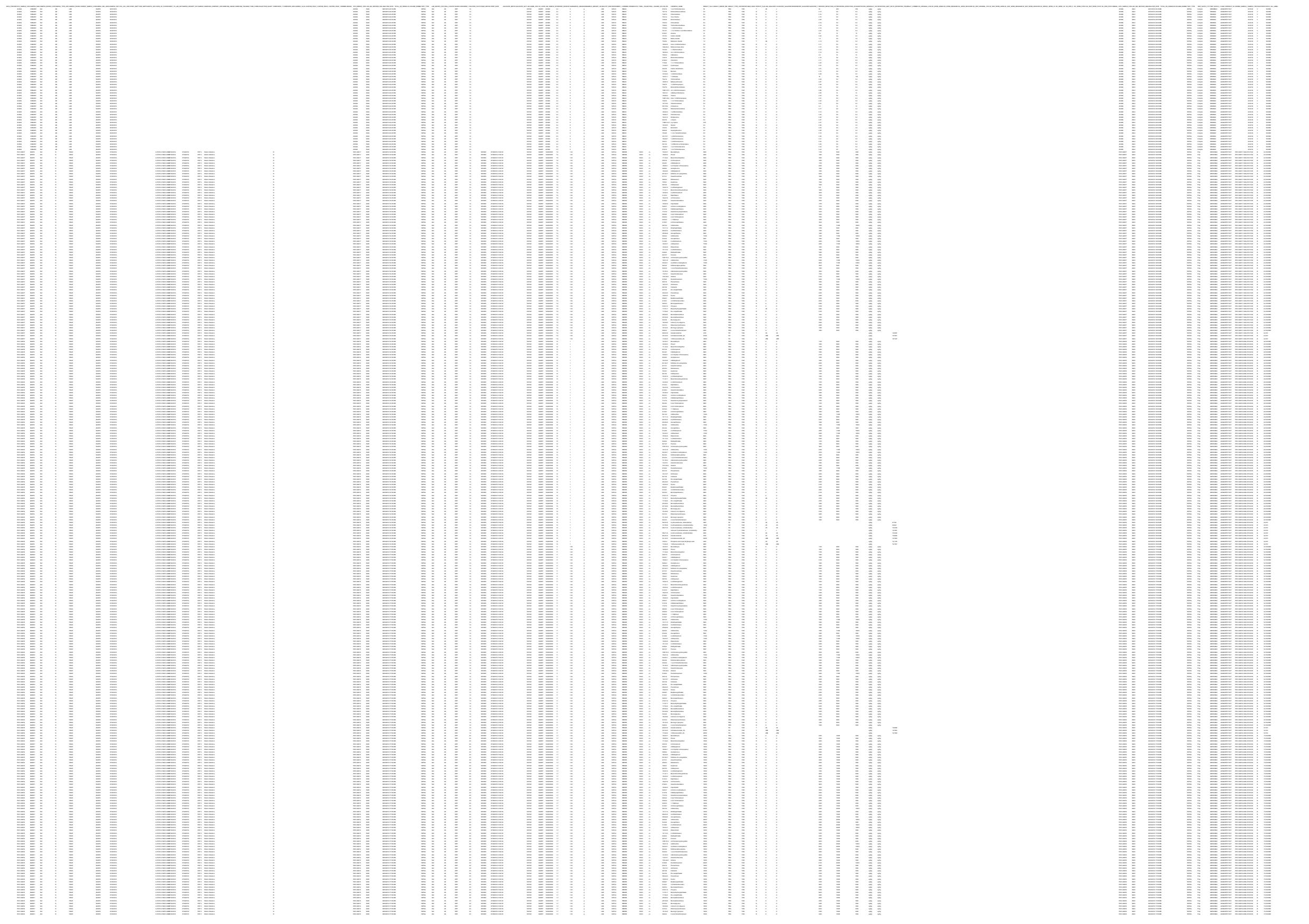


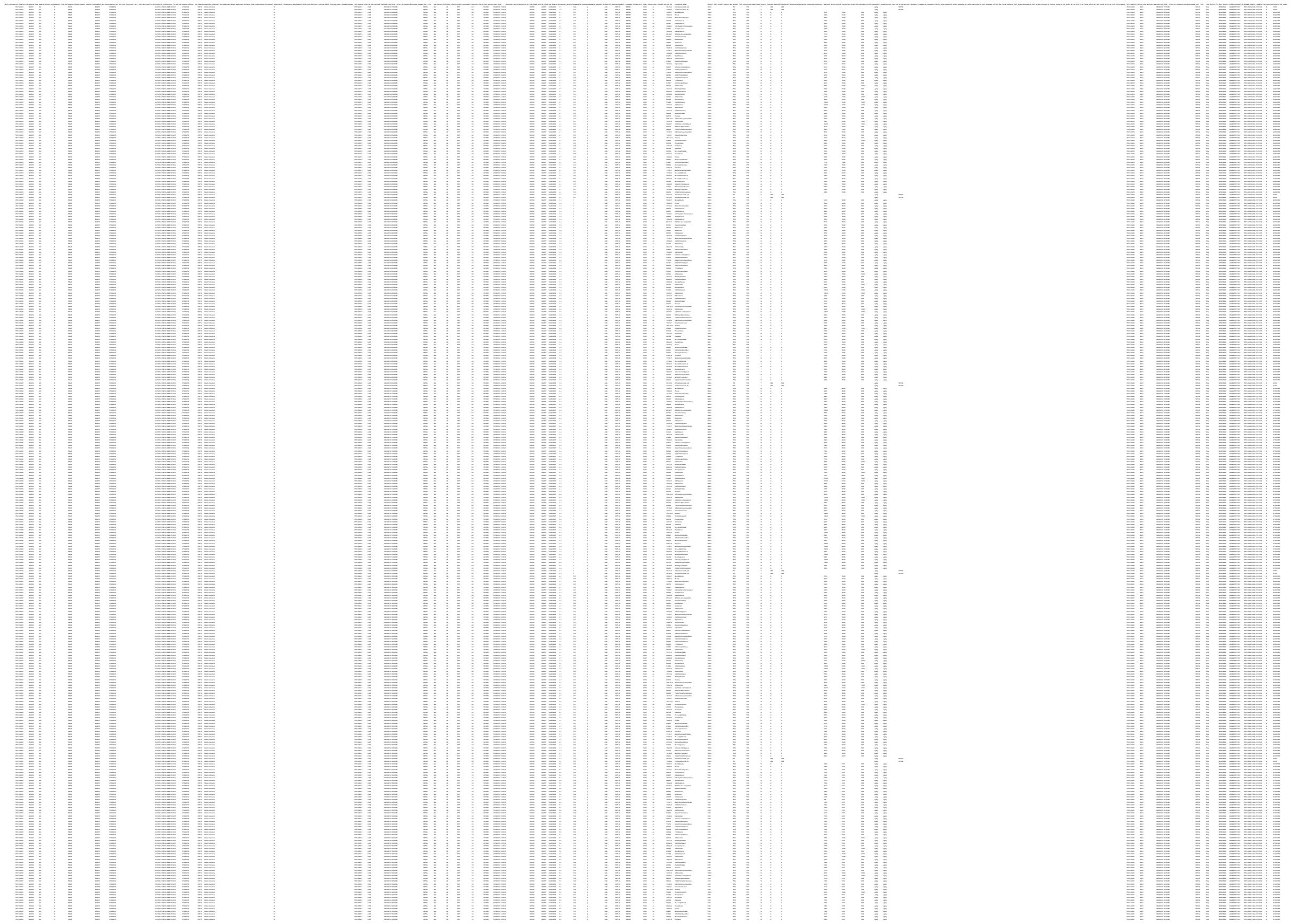


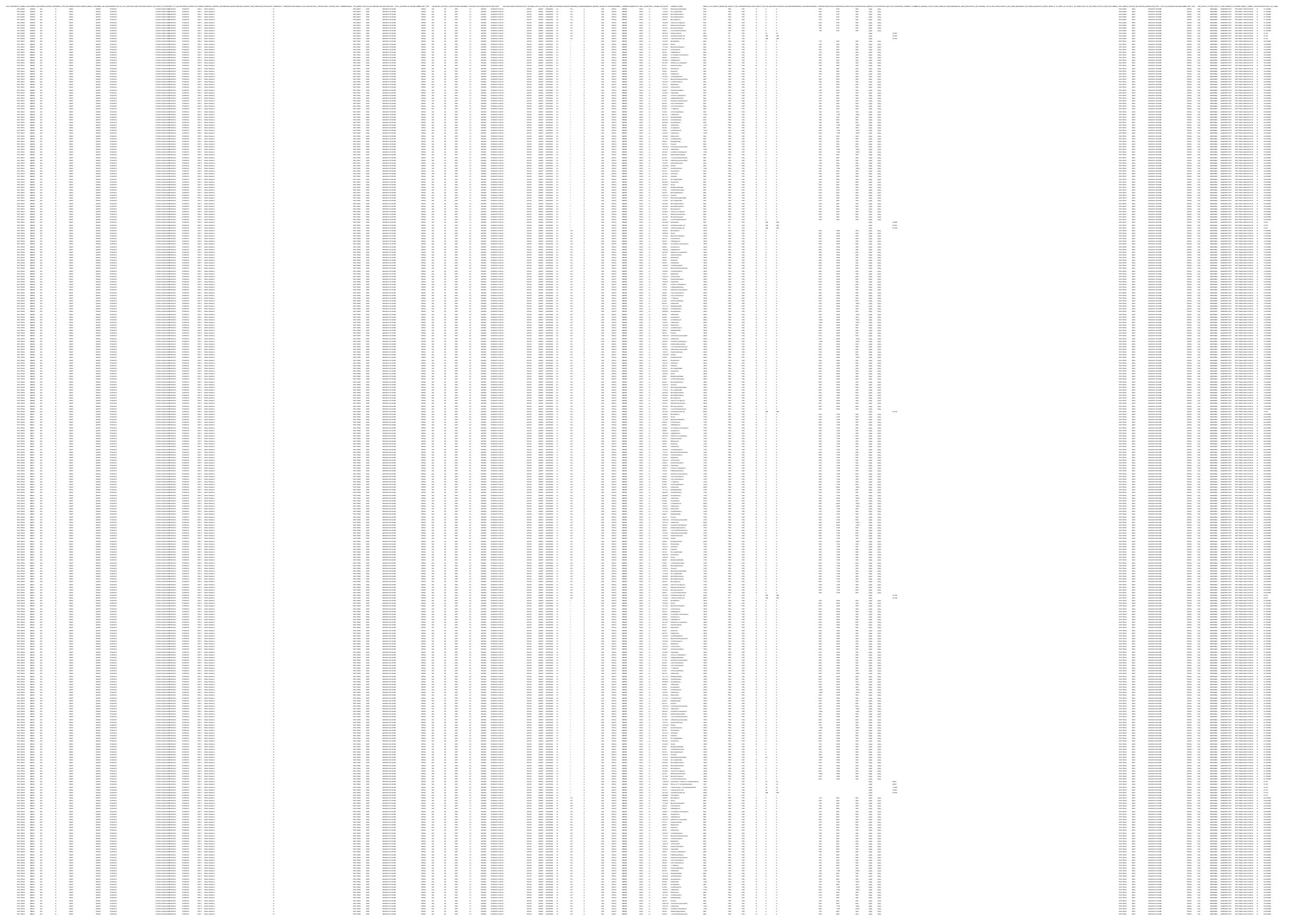


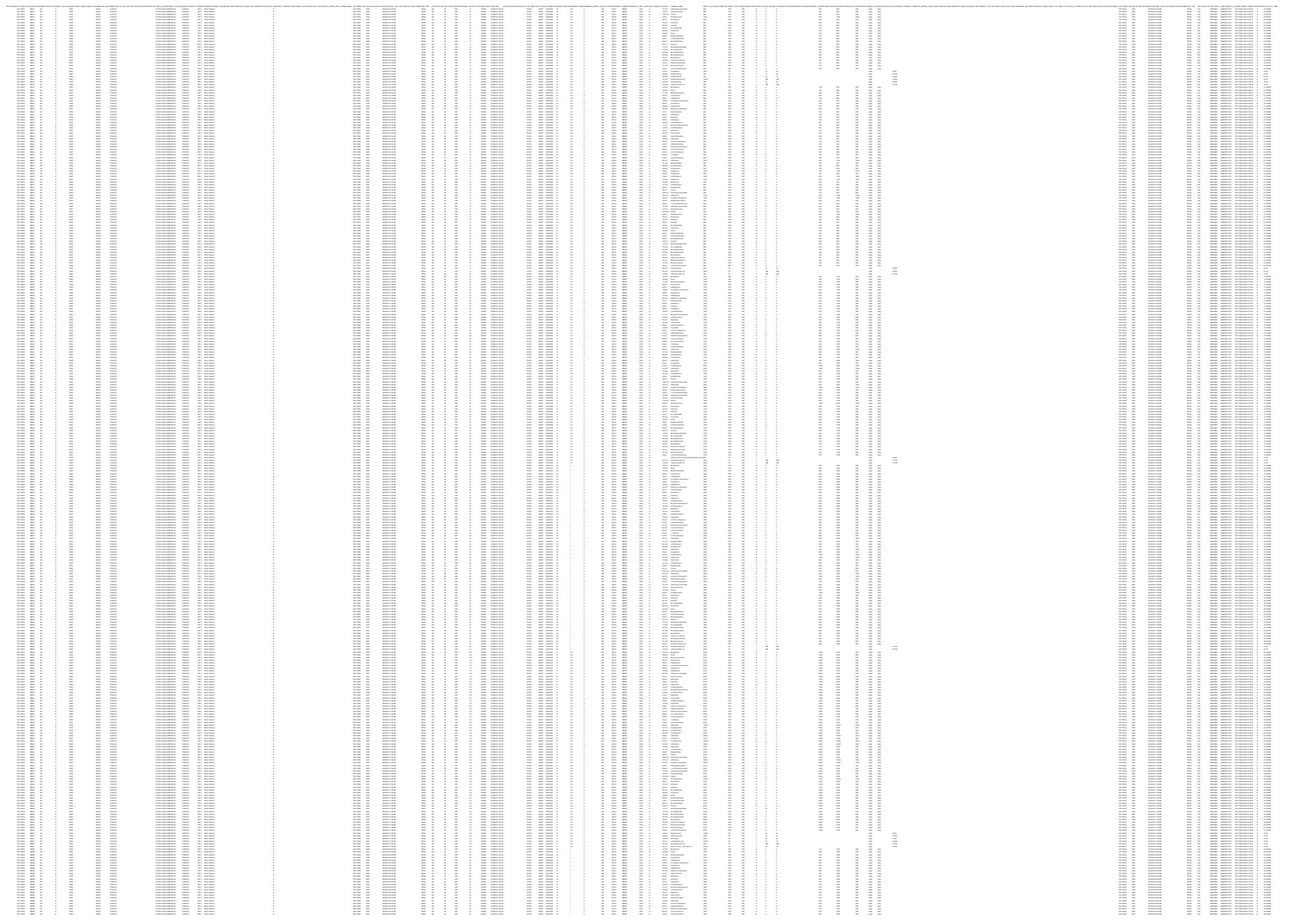


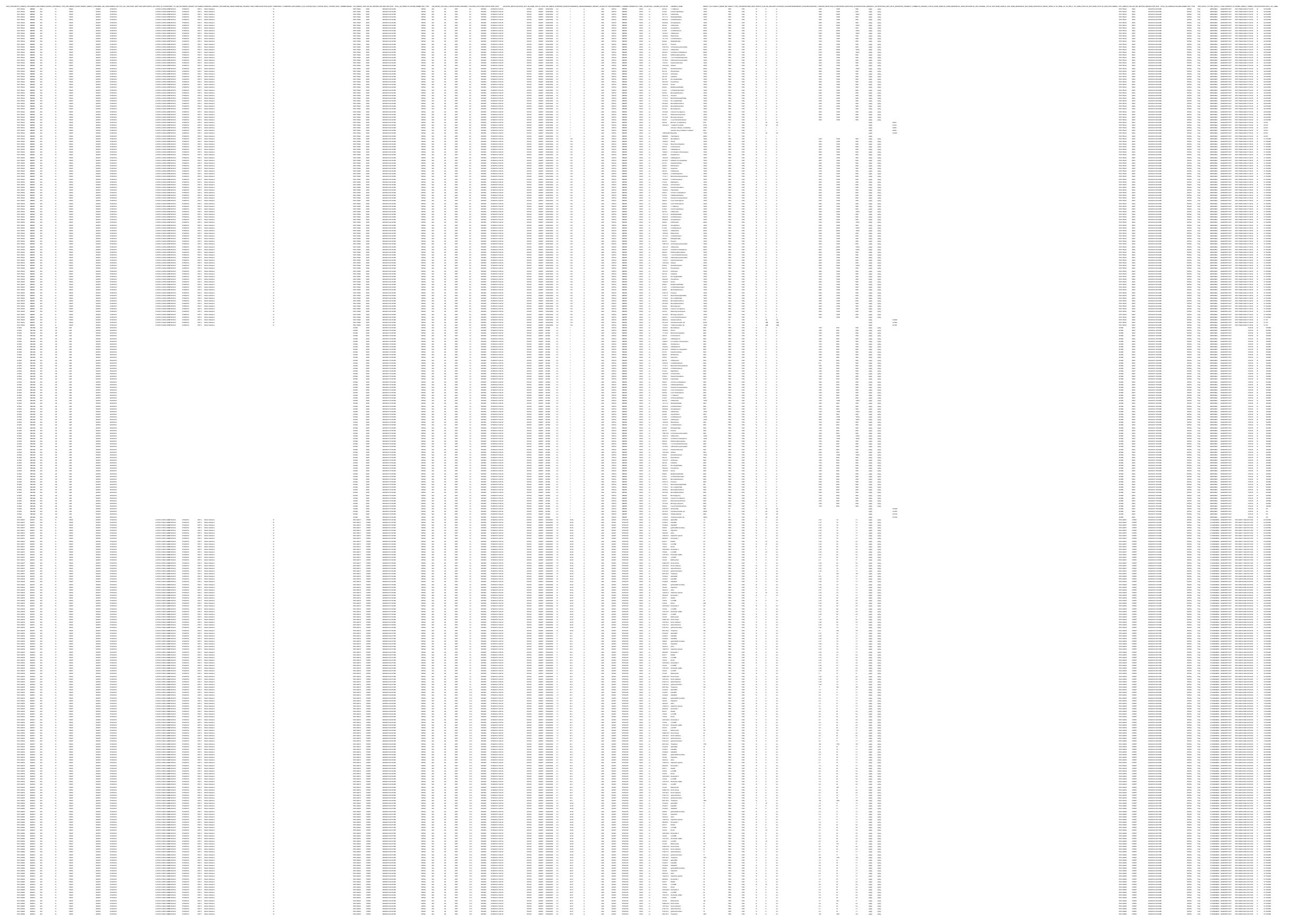


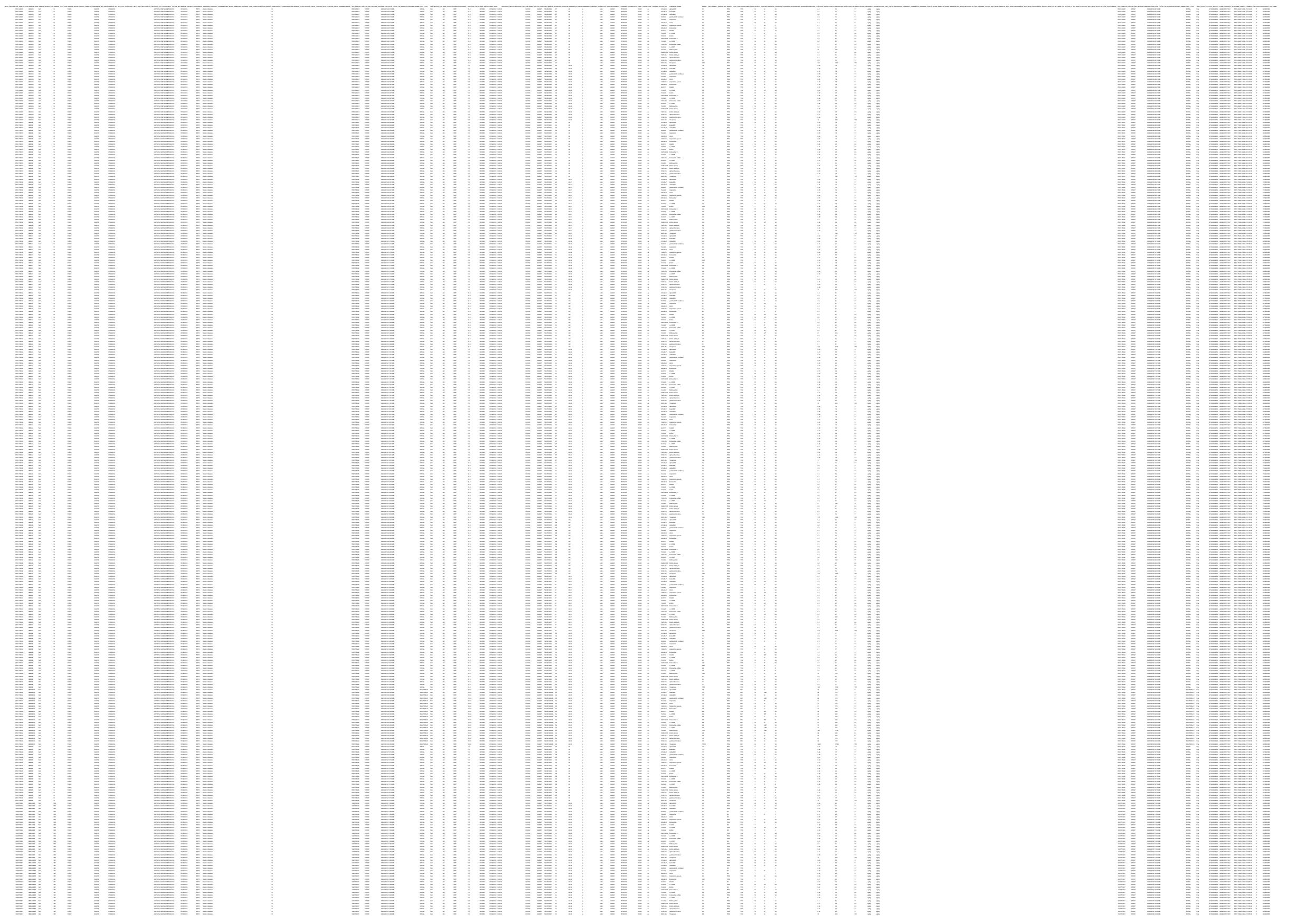


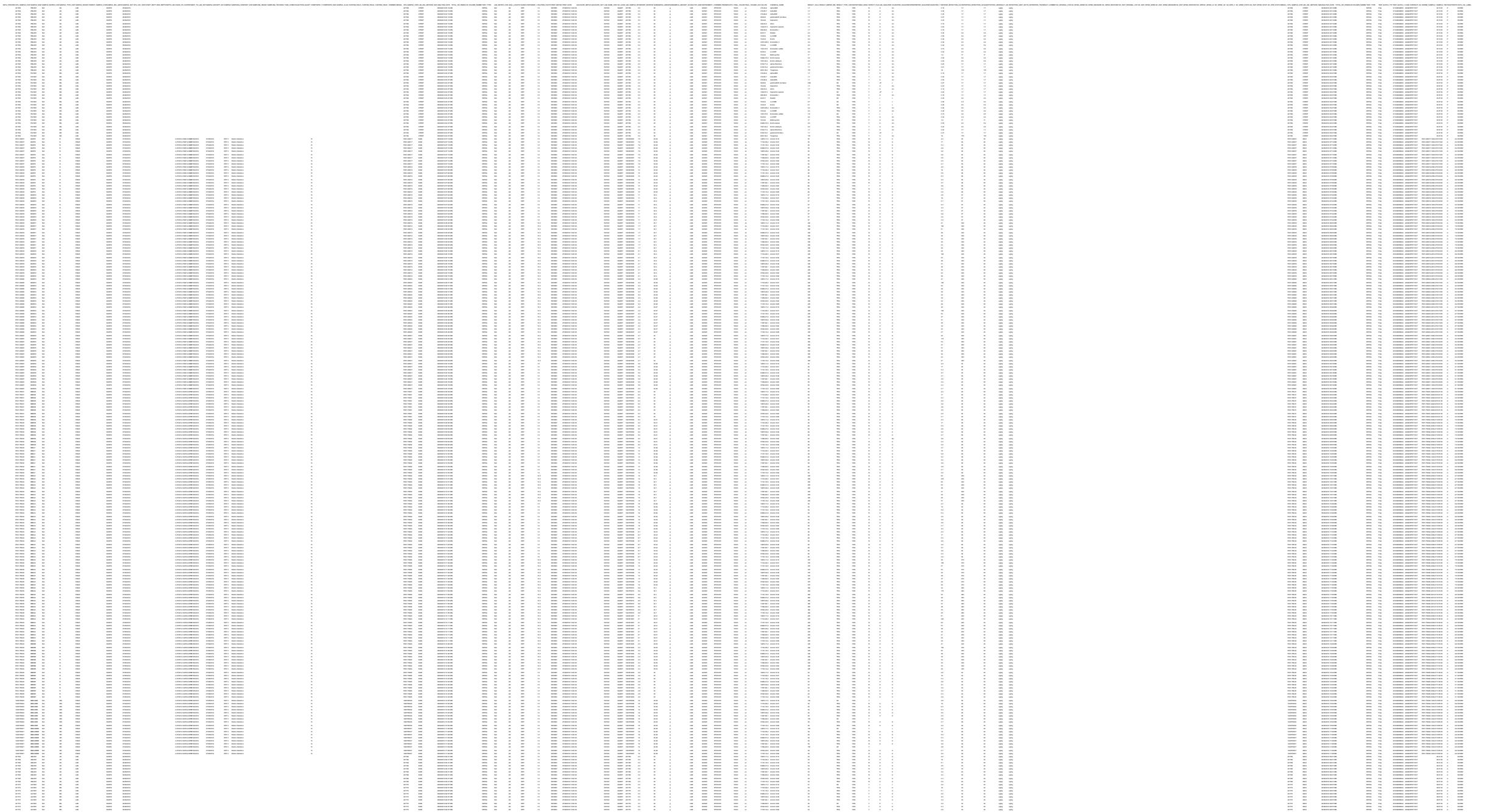












Result Rejected, Qualified R  
  Result equal to or over action level but Not Detected, Qualified U  
  Detected result over the action level

CAS No.	Fraction.		Sample ID: Sampling Location: Sampling Date: Units:	BAST8		BASW3		BBNJ2	
				Results	Qualifier	Results	Qualifier	Results	Qualifier
129-00-0	Pyrene			2700	J				
191-24-2	Benzo(g,h,i)perylene			2000	J				
193-39-5	Indeno(1,2,3-cd)pyrene			1700	J				
205-99-2	Benzo(b)fluoranthene			2700	J				
206-44-0	Fluoranthene			2500	J				
218-01-9	Chrysene			1700	J				
50-32-8	Benzo(a)pyrene			2100	J				
56-55-3	Benzo(a)anthracene			1800	J				
85-01-8	Phenanthrene			1400	J				
85-68-7	Butylbenzylphthalate					1500	J		
98-86-2	Acetophenone								
				430	J				

Result Rejected, Qualified  
Result equal to or over action level but Not Detected, Qualified  
Detected result over the action lev

	Result Rejected, Qualified R
	Result equal to or over action level but Not Detected, Qualified U
	Detected result over the action level

CAS No.	Fraction.		Sample ID: Sampling Location: Sampling Date: Units:	BAST9 P001-GS018-0006-01 7/23/2014 ug/kg		BBNH9 P001-TS032-0006-01 7/24/2014 ug/kg		BBNJ3MS P001-TS034-1224-01 7/24/2014 ug/kg		BBNJ3MSD P001-TS034-1224-01 7/24/2014 ug/kg	
				Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier
11096-82-5	Aroclor-1260			66	J	42	NJ	140		150	
12674-11-2	Aroclor-1016					140	J	140		140	J

Result Rejected, Qualified	R
Result equal to or over action level but Not Detected, Qualified	
Detected result over the action level	

Result Rejected, Qualified R
Result equal to or over action level but Not Detected, Qualified U
Detected result over the action level

Result Rejected, Qualified R  
Result equal to or over action level but Not Detected, Qualified U  
Detected result over the action level

CAS Number	Sample ID	Sampling Location	Sampling Date	BASTS			BAST9			BAST01-G3001-1224-01			BASTW			BINR9			BINR12			BINR9			BINR11			BINR10			BINR9D			BINR9H				
				Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:	Results	Qualifier	Units:					
100-41-4		Ethylbenzene		4	U		4.1	U		4.4	U		5.1	U	0.12	U	4.6	U	0.094	J	4	U	3.9	U	0.12	U	21	J	56	U	0.27	U	4.4	U	56	R	1.1	U
100-42-5		1,1-Dichloropropane		4	U		4.1	U		4.4	U		5.1	U	0.12	U	4.6	U	0.094	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
10061-02-6		trans-1,3-Dichloropropene		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.094	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
10061-02-6		trans-1,3-Dichloropropene		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.094	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
1006-93-4		1,2-Dimethoxyethane		4	U		4.1	U		4.4	U		5.1	U	0.12	U	4.6	U	0.094	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
107-06-2		1,2-Dichloroethane		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
100-41-4		1,2-Dichloroethane		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
108-47-2		Methylcyclohexane		8	U		8.3	U		8.9	U		10	U	0.12	U	9.1	U	0.093	J	8	U	11	U	0.12	U	9.3	U	0.093	J	8	U						
108-83-3		Toluene		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
108-83-3		Toluene		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
10-32-7		Cyclohexane		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
120-82-1		1,2,4-Trichlorobutane		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
120-82-1		1,2,4-Trichlorobutane		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
124-48-1		Dibromoethane		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
127-18-4		Tetrachloroethene		0.095	J	1	1.1	J	0.62	J	0.16	J	0.091	J	1	1.1	J	0.62	J	0.16	J	0.091	J	5.3	U	0.12	U	4.6	U	0.093	J	5.3	U					
0.34		trans-1,2-Dichloroethene		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
556-05-3		trans-1,2-Dichloroethene		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
1634-04-4		Methyl tert-butyl ether		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
541-73-1		1,3-Dichlorobenzene		4	U		4.1	U		4.4	U		5.2	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-21-5		Carbon tetrachloride		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R	8.1	U				
36-76-3		Chloroform		4	U		4.1	U		4.4	U		5.0	U	0.12	U	4.6	U	0.093	J	4	U	3.9	U	0.12	U	4.7	U	4.4	U	4.4	R						

	Result Rejected, Qualified R
	Result equal to or over action level but Not Detected, Qualified U
	Detected result over the action level

Result Rejected: Qualified: R  
Result equal to or over action level but Not Detected: Qualified: U  
Detected result over the action level

CAS No.	Chemical	Sample ID:		Sampling Location:		Sampling Date:		BASW8		BASW9		BASW10		BASW11		BASW12		BASW13		BASW14		BASW15		BASW16		BASW17		BASW18		BASW19		BASW20		BASW21		BASW22		BASW23		BASW24		BASW25		BASW26		BASW27		BASW28		BASW29		BASW30		BASW31		BASW32		BASW33		BASW34		BASW35		BASW36		BASW37		BASW38		BASW39		BASW40		BASW41		BASW42		BASW43		BASW44		BASW45		BASW46		BASW47		BASW48		BASW49		BASW50		BASW51		BASW52		BASW53		BASW54		BASW55		BASW56		BASW57		BASW58		BASW59		BASW60		BASW61		BASW62		BASW63		BASW64		BASW65		BASW66		BASW67		BASW68		BASW69		BASW70		BASW71		BASW72		BASW73		BASW74		BASW75		BASW76		BASW77		BASW78		BASW79		BASW80		BASW81		BASW82		BASW83		BASW84		BASW85		BASW86		BASW87		BASW88		BASW89		BASW90		BASW91		BASW92		BASW93		BASW94		BASW95		BASW96		BASW97		BASW98		BASW99		BASW100		BASW101		BASW102		BASW103		BASW104		BASW105		BASW106		BASW107		BASW108		BASW109		BASW110		BASW111		BASW112		BASW113		BASW114		BASW115		BASW116		BASW117		BASW118		BASW119		BASW120		BASW121		BASW122		BASW123		BASW124		BASW125		BASW126		BASW127		BASW128		BASW129		BASW130		BASW131		BASW132		BASW133		BASW134		BASW135		BASW136		BASW137		BASW138		BASW139		BASW140		BASW141		BASW142		BASW143		BASW144		BASW145		BASW146		BASW147		BASW148		BASW149		BASW150		BASW151		BASW152		BASW153		BASW154		BASW155		BASW156		BASW157		BASW158		BASW159		BASW160		BASW161		BASW162		BASW163		BASW164		BASW165		BASW166		BASW167		BASW168		BASW169		BASW170		BASW171		BASW172		BASW173		BASW174		BASW175		BASW176		BASW177		BASW178		BASW179		BASW180		BASW181		BASW182		BASW183		BASW184		BASW185		BASW186		BASW187		BASW188		BASW189		BASW190		BASW191		BASW192		BASW193		BASW194		BASW195		BASW196		BASW197		BASW198		BASW199		BASW200		BASW201		BASW202		BASW203		BASW204		BASW205		BASW206		BASW207		BASW208		BASW209		BASW210		BASW211		BASW212		BASW213		BASW214		BASW215		BASW216		BASW217		BASW218		BASW219		BASW220		BASW221		BASW222		BASW223		BASW224		BASW225		BASW226		BASW227		BASW228		BASW229		BASW230		BASW231		BASW232		BASW233		BASW234		BASW235		BASW236		BASW237		BASW238		BASW239		BASW240		BASW241		BASW242		BASW243		BASW244		BASW245		BASW246		BASW247		BASW248		BASW249		BASW250		BASW251		BASW252		BASW253		BASW254		BASW255		BASW256		BASW257		BASW258		BASW259		BASW260		BASW261		BASW262		BASW263		BASW264		BASW265		BASW266		BASW267		BASW268		BASW269		BASW270		BASW271		BASW272		BASW273		BASW274		BASW275		BASW276		BASW277		BASW278		BASW279		BASW280		BASW281		BASW282		BASW283		BASW284		BASW285		BASW286		BASW287		BASW288		BASW289		BASW290		BASW291		BASW292		BASW293		BASW294		BASW295		BASW296		BASW297		BASW298		BASW299		BASW300		BASW301		BASW302		BASW303		BASW304		BASW305		BASW306		BASW307		BASW308		BASW309		BASW310		BASW311		BASW312		BASW313		BASW314		BASW315		BASW316		BASW317		BASW318		BASW319		BASW320		BASW321		BASW322		BASW323		BASW324		BASW325		BASW326		BASW327		BASW328		BASW329		BASW330		BASW331		BASW332		BASW333		BASW334		BASW335		BASW336		BASW337		BASW338		BASW339		BASW340		BASW341		BASW342		BASW343		BASW344		BASW345		BASW346		BASW347		BASW348		BASW349		BASW350		BASW351		BASW352		BASW353		BASW354		BASW355		BASW356		BASW357		BASW358		BASW359		BASW360		BASW361		BASW362		BASW363		BASW364		BASW365		BASW366		BASW367		BASW368		BASW369		BASW370		BASW371		BASW372		BASW373		BASW374		BASW375		BASW376		BASW377		BASW378		BASW379		BASW380		BASW381		BASW382		BASW383		BASW384		BASW385		BASW386		BASW387		BASW388		BASW389		BASW390		BASW391		BASW392		BASW393		BASW394		BASW395		BASW396		BASW397		BASW398		BASW399		BASW400		BASW401		BASW402		BASW403		BASW404		BASW405		BASW406		BASW407		BASW408		BASW409		BASW410		BASW411		BASW412		BASW413		BASW414		BASW415		BASW416		BASW417		BASW418		BASW419		BASW420		BASW421		BASW422		BASW423		BASW424		BASW425		BASW426		BASW427		BASW428		BASW429		BASW430		BASW431		BASW432		BASW433		BASW434		BASW435		BASW436		BASW437		BASW438		BASW439		BASW440		BASW441		BASW442		BASW443		BASW444		BASW445		BASW446		BASW447		BASW448		BASW449		BASW450		BASW451		BASW452		BASW453		BASW454		BASW455		BASW456		BASW457		BASW458		BASW459		BASW460		BASW461		BASW462		BASW463		BASW464		BASW465		BASW466		BASW467		BASW468		BASW469		BASW470		BASW471		BASW472		BASW473		BASW474		BASW475		BASW476		BASW477		BASW478		BASW479		BASW480		BASW481		BASW482		BASW483		BASW484		BASW485		BASW486		BASW487		BASW488		BASW489		BASW490		BASW491		BASW492		BASW493		BASW494		BASW495		BASW496		BASW497		BASW498		BASW499		BASW500		BASW501		BASW502		BASW503		BASW504		BASW505		BASW506		BASW507		BASW508		BASW509		BASW510		BASW511		BASW512		BASW513		BASW514		BASW515		BASW516		BASW517		BASW518		BASW519		BASW520		BASW521		BASW522		BASW523		BASW524		BASW525		BASW526		BASW527		BASW528		BASW529		BASW530		BASW531		BASW532		BASW533		BASW534		BASW535		BASW536		BASW537		BASW538		BASW539		BASW540		BASW541		BASW542		BASW543		BASW544		BASW545		BASW546		BASW547		BASW548		BASW549		BASW550		BASW551		BASW552		BASW553		BASW554		BASW555		BASW556		BASW557	